## THE UNITED STATES

## Army and Navy Journal,

AND GAZETTE

OF THE

## REGULAR AND VOLUNTEER FORCES

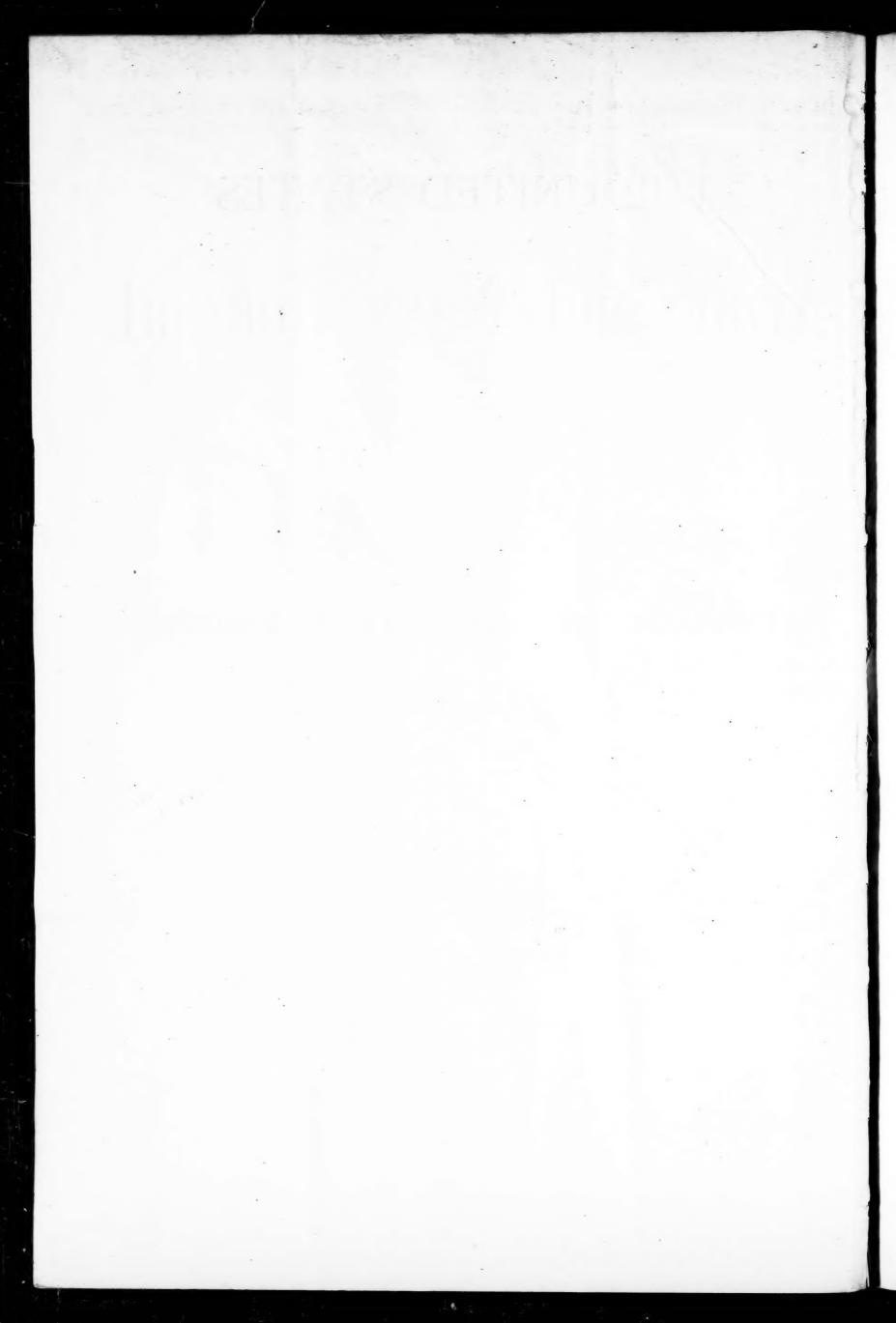
COMBINING

THE ARMY AND NAVY JOURNAL, Established 1863.
THE ARMY AND NAVY GAZETTE, Philadelphia, Penn., Established 1863.
THE ARMY AND NAVY GAZETTE, Washington, D. C., Established 1879.

VOLUME LII .-- 1914-1915.

NEW YORK:

EVENING POST BUILDING, 20 VESEY STREET



## Index to Volume LII.---September 5, 1914, to August 28, 1915, Inclusive.

[Note.—where several references to the same subject are made on the same page that fact is indicated by a superior figure <sup>2</sup>, <sup>3</sup>, etc.]

Accidents, see Casualties,
Adjutant General, new, 49,
Adjutant General's Dept., vacancy, 1553.
Administration vs. military training, 1228.
Admirals and vice admirals, U.S.N., 852, 854,
871, 886, 1077, 1096, 1173, 1261.

AERONAUTICAL:

AERONAUTICAL:

Aerial forces, N.Y. state, 1197, 1356; aerial reconnaissance displacing cavalry, 746; Aero Club of America, 621, 716, 1226, 1288, 1402; Aero Club of Penna, landing at Phil. N. Yd., 1255; Aero-Military Service Federation of America, 1229; aeronautical reserve plans, 1402; aeropl. as eyes in E. war, 468, 553; aeropl. classed as contraband, 145; aeropl. for coast defense, 1288; aircraft in Hawaii, 1004; air pilot certificates U.S.N. 660; anti-aircraft guu test, 361; anti-sub-marine, 1392; Army and Navy reports, 488, 489; Aviation Corps, 1st N.Y., 196; Aviation should be separated from Sig. Corps? 1129; aviation training school site for Pacific coast, 1553; backwardness of U.S.A., 1452; bomb-dropping, 68, 100, 105, 132; competitions postponed, 1356; countermining agst. aeropl., 37; Curtiss avia. trophy, A. and N., 689; Curtiss mil. aeropl. test, 36; Curtiss military tractor biplane, 1596. Explosive bullets agst., 535; first aero squadron, 877; flight of 10,000 feet, 1101; flying boat, 137; flying boat presented to N.Y. Naval Mil., 1288; Hague and aircraft in war, 5; Harriman hydro-aeroplane, 1259; hydro-aeroplanes not "warships," 712; hydro-planes, use, in war, 778; landing stations-Atl. coast, 525; Langley's prophecies, 949; Mackay aerial trophy, 420, 427; Maxim's opinions of air raids, 657; military aeropl. competition, 76, 196; monoplane in disuat. Advisory Committee, 854, 884, 1295; natt. competition, 1100; Navy, 1337, 1393;

All. coast,
Mackay aerial trophy, 420,
opinions of air raids, 657; military aeropt.
competition, 76, 196; monoplane in disuse, 1299.
Nat. Advisory Committee, 854, 884, 1295;
natl. competition, 1100; Navy, 1337, 1398;
Navy bids, 1079; notes, 1646; offered to
states for Naval Militia, 1288, 1324, 1617;
our need of aeroplanes, 809; parachutes for
use w. aeropls, 1005; progress in Navy
avia., 1207; range finder, Scott, 100; repudiation of "Prov. Aviation battalion," 716;
Russia orders Curtiss flying boats, 1452;
Russian and German aviation services,
1556.
San Diego aviation notes, 1142, 1162, 1194,
1261, 1289, 1325, 1370, 1467, 1499, 1519,
1550, 1614; San Diego, record flights, 904;
San Diego school, 968, 980; San Diego, tests
and flights, 292, 589, 653; school for aviators, 1585; scouting value of airships, 259;
shooting at, 1100; sky has no frontiera,
1290; squadron for New York, 1238; Texas
City exper. agst. kites, 877; U.S. a minor
air power, 1292; Wright patents in England, 265; Zeppelins, limitations, 808; see
Casualties, European war, Schools.

Air, what constitutes, 1259. Alaska: Army reminiscences (Richardson), 1129; life in, 296; Signal Corps work in, 1580.

1580.
Allowances, heat and light, 392, 4242, 524, 568, 596, 663, 1047, 1168, 1329, 1393, 1435. Aneedotes, 8, 31, 62, 95, 127, 159, 287, 350, 415, 515, 579, 707, 771, 803, 835, 899, 931, 1027, 1123, 1187, 1219, 1251, 1283, 1319, 1351, 1383, 1447, 1479, 1584, 1607, 1639, 1671.
Aneedotes, European

415, 516, 579, 107, 111, 603, 503, 503, 1027, 1123, 1187, 1219, 1251, 1283, 1319, 1351, 1383, 1447, 1479, 1584, 1607, 1639, 1671.

Anecdotes, European war, 191, 223, 228, 255, 264, 383, 450, 611, 963, 1059, 1447, 1490, 1543, 1607.

Annual Reports: Adjutant General, 304, 325; Auditor, Navy Dept., 525; Bureau Constr. and Repair, 436; B. Insular Affairs, 196; B. Navigation, 404; B. Safe Transportation of Explosives, N.Y., 1000; B. Steam Engineering, 436; B. Supplies and Accounts, 422; B. Yards and Dock, 421; Chief of Coast Art., 242°; Chief of Engineers, 534; Chief of Ordnance, 338; Chief Signal Officer, 306, 488; Chief of Staff, 356, 357, 369, 370; Commissioner of Navigation, 617; Commissioner of Pensions, 195; Comptroller of Treasury, 493; Gettysburg Mil. Park Comm., 388; Hydrographic Office, 436; Inspector General, 147; Judge Advocate General, Navy, 421; Marine Corps, 436, 470; Massachusetts Nautical School, 840; Military Academy, 101; Military Prison, Pacific Branch, 224; Militia Affairs, 458, 487; Mounted Service, 436; Navy Relief, 845; Panama R.R., 813; Paymaster General, Navy, 422; Quartermaster General, 233, 242; Secretary of Navy, 458; Secretary of Navy, 458; Secretary of Nav, 478; Secretary o

1205. Arctic expedition, Stefansson, 84. Argentine battleships, 297, 308, 759, 973, 1048.

1048. Armament rings, 717, 1045, 1611. Armies: Regular, U.S. and G.B., 36. Armor for battle, 1628. Armor plate plants, investiga., 259, 393, 436, 877.

ARMY:

ARMY:

Appropriations, estimates, 113, 1561; as a "nucleus," 1428; Bartholdt's opinion, 570; Breckinridge tribute to, 685; cook book, Army, 1431; compliments for U.S., 4; citizen army, 468, 487, 504, 536; distribution, 113; education in, 424; efficiency, hypothetical questions, 1228; expeditionary force, 652; framework trained, 1227; Heistand on inadequacy, 557; increase, 48, 113, 209, 228, 305, 500, 916, 1223, 1269, 1288, 1515, 1528, 1552; increase, without taxation, 1433; items, 912, 1008, 1040, 1072, 1200, 1232, 1434, 1522, 1588. Larger standing, 392, 455; make known, 1160.

1588.

Larger standing, 392, 455; make known, 1196; more officers recommended, 487; "national," 1047; needs, U.S., 1355; organization of land forces, 260, 661; organization and legislation, report on land forces, 1076, 1110, 1141, 1369; 1454, 1456.

Register, 1000; Regular troops appreciated,

616; reorganize, 1196; reserve, 13, 177, 201, 232<sup>3</sup>, 323, 337, 457, 470, 487, 564, 570, 616, (see Congress), 652, 744, 757<sup>2</sup>, 843, 872, 1034, 1205; reserve through purchase of disch, 620, 872; reserves, training, 1205; social life, criticism unwarranted, 488; superiority questioned, 567; supplying in field, 919; von Stein plan of organization, 584; Washington, George, on worth of Regulars, 744; see Annual Report Sec. War; Congress; Defense; Mil. Training; Mil. Preparedness and Mil. Unpreparedness.

584; Washington, George, on worth of Regulars, 744; see Annual Report See. War; Congress; Defense; Mil, Training; Mil. Preparedness and Mil. Unpreparedness.

Army Regulations: Changes No. 10 and 11, 77; No. 12, 237, 333; 13, 397; 14, 497; 15, 625; 16, 625; 17, 625; 18, 721; 19, 817; 20, 817; 22, 917; 23, 1073; 24, 1202; 25, 1233; 26, 1333; 27, 1397; 28, 1397; 29, 1461; 30, 1653; 31, 1654.

Army transports: Ability to transport troops to Mexico, 557; additional to Philipp., 69; carry freight to and from Philipp., 69, carry freight to and from Philipp., 69, 698; Crook and Meade for sale, 532; new needed, 1560; passenger lists and telegrams, 41, 72, 73, 169, 178, 201, 233, 234, 265, 297, 329; 358, 393, 427, 490, 493, 588, 589, 620, 621, 653, 717, 749, 792, 811, 877, 915, 1008, 1034, 1072, 1101, 1164, 1203, 1295, 1326, 1434, 1460, 1553, 1589, 1630; signboards on, 360.

Army and Navy: Deficiencies, who responsible, 812; expense would pay for what, 1483, preparing for what? Wallace Irwin, 748.

Army and Navy Journal: Associate editor's articles appreciated, 83, 201, 552; disciplining of, 240; European war authority, 9, 228, 493, 552, 557, 653, 1356; good words for, 68, 100, 228, 265, 306, 459, 460, 680, 716, 821, 885, 904, 936, 945, 1197, 1612; neutral in European war authority, 9, 228, 493, 552, 557, 653, 1356; good words for, 68, 100, 228, 265, 306, 459, 460, 680, 716, 821, 885, 904, 936, 945, 1197, 1612; neutral in European war, 100, 241, 265, 1657; Pekin Legationers' fate in 1900, 401; statement of ownership, 115, 976.

Artiletey fire in Manchurian war, 292.

Artillery, mathematics and, 713; not to displace Cav. and Inf. in war, 1644; spend-thrift necessary, 1327; War with Mexico, 20; see Coast, Field.

Asiatic Institute, Pacific Conference, 1256.

Athletics: Army Ath. Council Rept., 1516; Army and Navy, Panama-Pacific Fair field meet, 529; Eighth Brigade field meet, 1035; Military and Naval Acad., eligibility, 265; period of training, 1128; reducing rowing course, 427; value, 1044; see Baseball, Poloking schedul

Badges, campaign, 1161, 1129, 1429.
Badges for disch. soldiers, 1259.
Baggage of officers, 18
Balkan wars, care of wounded, 587.
Bands: Chief musician, misnomer, 275; divided authority in, 680; mounted, useless, 324; organization of, 296; praised, 1100; qualifications of chief musicians, 1488.
Baseball: A. and N., 1111, 1133, 1275; leagues, recruiting stations, 904; league, Texas, 461.
Battleships: Arizona, 855; armament of new, 1625; armor, or speed, 1532; battle cruiser, value, 809; California class, 39, 532; cement backing of armorplate, 1592; cruisers in addition to, 1656; electric propulsion, 273, 356, 369, 973, 1047, 1497; gun elevation, 1657; protection against torpedoes, 1468; single gun submersible, 1227; see Atlantic Fleet, Diesel, Navy Dept., Naval Appropriations, etc.
Battlesight, deficiencies of, 996.
Bayonet in modern wars, 176.
Belladonna myth exposed, 325.
Benjamin, Park, on preparedness, 1425, 1488.
Bernhardi, quotations from, 491, 552.
Bismarck: Anecdotes, 102; on Russian partition, 388.
Block and war impossibility, 165, 1287.
Board of Review, War Dept., 981.
Boatswains and gunners, successful, 748.
Bombs in ships' cargoes, 1454.

BOOK REVIEWS:

Bombs in ships' cargoes, 1454.

BOOK REVIEWS:

Accidentals, 1326; Adjutant's Manual, 1421; Admin. Mechanism for the Training of a Mobilized Division, 1388; All for His Country, 1067; Allan and the Holy Flower, 1067; Alsace-Lorraine, 906; America and the New World-State, 1127; America Fallen: Sequel to Eur, War, 1161, 1500; America to Japan, 1239; American Army (Carter), 967; American Navy (Chadwick), 1324; Americans in the Philippines, 210; Anuario del Instituto Geogr. Mil., 1397; Are We Ready, 945; Arms and the Race, 1255, 1257; Army Orders (Moss), 36; Audacious War, 945; Aunt Sarah and the War, 1436; Automatic Pistol Shooting, 906; Basic Course for Cavalry, 196; Brassey's Naval Annual, 1391; Britain's Case against Germany, 586, 758; Brit. and Ger. Ideals: Meaning of the War, 1224; British Army from Within, 491; British Black Book, 1040; British Navy from Within, 888.

Campaigns of 146th N.Y.S. Vols., 1168; Can Germany Win, 906; Capture of Vera Cruz, (4th Inf.), 1032; Cavalry: Bernhardi, 491; Chaplains' Work, 1192; Confessions of Frederick the Great, 906; Conyngham of Continental Navy, 1614; Critical Study of German Tactics, 970; Defenseless America, 1129; Deutschland Ueber Alles, 874; Dictators of Mexico, 163; Diplomacy of War of 1812, 1581; Elements of Military Hygiene, 1128; Essays, Political and Historical, 263; Exercises at Dedication of Statue to Gen. Wells, 808; Evidence in the Case, 554; Experiments, Wireless, 522; Explosives, 1293; Famous Land Fights, 587; Field Hospital and Flying Column, 1436; Field Sanitation, 906; Fighting in Flanders, 684;

Flags of the World, Past and Present, 1239; Fleets of the World, 1257; Flying, Some Practical Experiences, 5; Footwear of Soldiers, 132; Fort Sumter Memorial, 1239; Fort Sumter Memorial, 1239; Forty-five Reasons Why Allies Must Win, 968; France Herself Again, 522; France-G. War by Generals Who Took Part, 491; French Army from Within, 491; French books on E.W. transl, to Eng., 1040. Jeorge III., and Charles Fox, 554; German Army from Within, 276; German War Book, 717; Germany and England (Cramb), 520; Germany and England (Cramb), 520; Germany and Europe, 874; Germany, and Next War (Bernhardi), 137; Germany, France and Russia, 906; Germany Speaks, 874; Gettysburg Reunion (Penna. Comm.), 904; Gunshot Injuries, 212; Haitian Revolution, 1040; Handbuch fuer Heer und Flotte, 1067; Heart of the Antarctic, 36; Heart of the War, 758; History of Civil War U.S. (Blythe), 554; History of Our Navy (Stevens), 554; History Va. Mil. Institute, 1003; Holocaust and Other Peems, 276; Holy War Made in Germany, 1067; How Belgium Saved Europe, 906; How to Shoot U.S. Rifle, 36; Howitzer, 1305; In the Oregon Country, 945; Introduction to Study of Government, 807; Invasion of France (1814), 491; Italy's Foreign Policy, 522; Italy's Foreign and Colonial Policy, 808. apan and America, 522; John Shaw Billings, Memoir, 1132; The Kaiser, 874; Ladder,

in the Oregon Country, 945; Introduction to Study of Government, 807; Invasion of France (1814), 491; Italy's Foreign Policy, 522; Italy's Foreign and Colonial Policy, 808.

[apan and America, 522; John Shaw Billings, Memoir, 1132; The Kaiser, 874; Ladder, Story of a Casual Man, 970; Laying Off, or Geometry of Shipbldg., 20; Lays of Sergt. Con, 906; Lee's Despatches, 1581; Librairie Militaire (various), 906, 970, 1040, 1192; Lower Amazon, 554; Lucky Bag, 1201; Man Who Forgot, 1132; Manual of Military Training, 488; Memoirs of J. H. Brinton, 713, 748; Military Field Notebook, 906; Mil. Sketching and Map Reading, 1326; Millard Fillmore, 1425; Modern Pig-Sticking, 554; Monroe Doctrine: Nat. or Internat; 1040; My March to Timbuctoo, 1326; Napoleon at Work, 760; Naval Constructor, 586, 906; Naval Occasions, 1326; Notebook of an Attaché, 1390; Notes on Field Artillery, 650.

Poder Maritimo na Guerra da Peninsula, 1239; On War of To-day (Bernhardi), 969; Operations Upon the Sea, 790; Origins of the War, 970; Our Navy and Next War, 1003; Outlines of Internat. Law, 501, 789; Pages D'Histoire, 491, 906; Panama Canal, 841; Pan-Americanism, 1258; Pay Day, 1548; Peace and Nationality, 743; Peace Insurance, 712; Pennsylvania at Gettysburg, 1239; Presonal Recollections of Lincoln, Grant, Sherman, 841; Personal Reminiscences, Serymser, 970; Pistol and Revolver Shooting, 1239; Present Mil. Situation, U.S., 809; Private Code and Post Card Cypher, 301; Problems in Infantry Tactics, 101; Quick Training for War, 650, Rapp, 73, 100, 1064; Recollections of Full Years (Mrs. Taft), 552; Red Cross in War, 491; Red Laugh, 1326; Rennisscences of Sp-Am, War, 1326; Report of Work of Nat, Sec, U.S. Do of 1812, 1326; Richard Corfield of Somalilanid, 101; Rifles and Rifle Shooting, 1486; Romance of Submarine Engineering, 391; Royal Auction (with (nullos), 1067; Serap of Paper, German Diplomacy, 491; Sea, Land and Air Strategy, 491; Slav Nations, 906; Soldier's Handbook for Use in Field, 1089; Soma Army Women's Recipes, 776; Songs of a Soldier

Way to Peace, 970; World in the Crucible, 1391; World War, 758; Yusuf Khan, 554.

Bosnia and Herzegovina Acquisition, 35.
Brazil. Naval War College, 164, 201.
Brigadier generals, possible, 904.
British: Blank for recruits, 899; cavalry armament, 388; compulsory service for, 746, 1612; cruisers, fast, few, 195; debt to Adm. Mahan, 744; Englishman's idea of England, 1422; fleet in 1804, 556; flying corps, 199; Indian troops cradled in war, 683; interference U.S. commerce, 565; 'military party,' 131; naval policy, 292; navy, 148; officer in Rev. War time, 1155; prohibition of liquors, 1101; promotion dissatisfaction, 1000; tactics, 259; voluntary system, 1358, 14252; 1579; war items (Stiles), 812; withdrawal from Western Hemisphere, Sumner and, 420; see European war.
Bryan defines our neutral relations, 693.
Bryan's 'men in buckram,' 888.
Bryan resigns, 1302.
Bulletins, War Dept.: 1914—No. 37, page 13; 39 and 40, page 77; 41—13; 42—143; 43—205; 44—301; 45—237; 46, 47, 48—333; 49—431; 50—397; 51—465; 52—529, Series of 1915, Nos. 1 and 2—753; 3, 4, 5—785; 6—817; 7—849; 8—945; 9, 10, 11—1009; 12—1169; 13—1201; 14, 15—1105; 16—1202 17—1201: 18—1265; 19—1299; 20—1365; 21, 22, 23—1397; 24—1461; 25—1557; 26—1524; 27—1557; 28, 29—1557; 26—1524; 27—1557; 28, 29—1653.
Bureau of Navigation, new chief, 1229, 1368.

C

Call to arms (U.S.), 788, 820, 909, 1173, 1293. 1293. Camp, 2d Division, 261. Campaign badges, Cuban service, 1101, 1129, 1429.

Campaign badges, Cuban service, 1101, 1129, 1429.
Camps, see Maneuvers; see College.
Camps, military for business men; see Maneuvers, Plattsburg.
Canada: Game laws and U.S. gunners, 589.
Canala: Cape Cod, 388, 1128, 1550; Dalles-Celito, 1356; Illinois Waterway, 1484; Suez, 647; see Panama.
Canteen: Prophylactic use of alcohol, 556; Surg. Gen. opposed, 388.
Carrier pigeons in Navy, 980.
Carter, W. H., criticized by Judge, 1063; on American Army, 967.
CASUALTIES AND ACCIDENTS:
Accidents at May fleet maneuvers, 1240; at anchor off Newport, 1240; aeronautical, 300, 526, 909, 1489, 1586; Barney in collision, 1564; Chinese typhoon, Shanghai, U.S. ships there, 1530; drowning from Scorpion's

boat, 942; Eastland (Chicago) disaster, 1585; Ericsson sinking at dock, 1532; explosion du Pont works, 899; fre, Ft. Standish, 685; fires on U.S. battleships, 1468, 1500; Frankford arsenal explosion, 1553; Galveston hurricane, 1627, 1652, 1652, 1662; industrial, U.S., 1432; Lusitania and Arabic, see Eur. War; Maine aleak, 888; Meigs, Q.M. steamer, rammed, 393; Michigan aground, 393, 427, 472, 653, 888; Nebraska in collision, 1564; Neptune disabled, 1080; Ohio loses a propeller blade, 1531; Paulding, U.S.S., ashore, 265; Ryndam off Nantucket, 1229, 1271; San Diego, U.S.S., explosion, 664, 856, 973; Scorpion, narrow escape from submarine, 1271; Statistics, accident, 228; Submarine F-4 sinks near Honolulu, 944, 982, 1012, 1047, 1078, 1101, 1165, 1240, 1272, 1306; 1361, 1517; Virginia rams a bulkhead, 1271.

CAVALRY:

1103, 1243, 1271, 1300-, 1361, 1517; Virginia rams a bulkhead, 1271.

CAVALRY:

1st, Calexico thanks, 1454; 2, roster, 750; 5th, Indian campaign in 1869, 912; aerial reconnaissance displaces, 746; border troops, 261; cold steel, 739; competitive tests, 1326; composition of C. units, 490; drill and organization, Sayre on, 1132, 1161; drill regulations, officers to report, 493, 1255, 1271, 1497; drills, innovation in, 165; endurance rides, 1454; European war, 67, 1455; German regs, vs. Us. regs., 685; ideal weapon for, 1518; organization, 265, 291, 490; proper organization (Godson), 229; saddle experimentation, 843, 908; Service Regulations, 1293, 1327, 1488; single or double rank, 389, 812, 1424; what of the future, 1488.

Cemeteries, military, and parents of soldiers, 73.

Census, U.S., wealth statistics, 1489.
Chadwick: 'Way to permanent peace,' 1256, Chamberlain, Sen, on Army report, 470.
Changing crozier for sword, 1357, 1488.
Chaplains: As entertainers, 272, 400; as educators, 908; as exchange officers, 1556; for Navy, 1133.
Chief of Naval Operations, see Gen. Staff for Navy, 872, 877, 916, 973, 1005, 1012, 10372, 1044, 1064, 1077, 1108, 1110, 1165, 1205, 1325; aids to, 1136, 1205; who is Benson, 1325.
China: Attitude toward Eur. war, 228; awakening military spirit, 680; Boxer rebellion, 420; Chinese admiral visits U.S., 1492, 1553; lesson to U.S., 1529; Press, life term, 589; Red Cross benefit (N.Y.), 229; U.S. troops to, 265; weakness and humiliation and Japanese treaties, 1229, 1425, 1433, 1529.
Christian Science, 680, 844.
Christmas presents to the fleet, 455.
Christmas presents to the fleet, 455.
Christmas presents to the fleet, 455.

troops to. 265; weakness and humiliation and Japanese treaties, 1229, 1425, 1433, 1529.
Christian Science, 680, 844.
Christmas presents to the fleet, 455.
Christmas presents to the fleet, 455.
Christmas presents to Philippines, 73, 361.
Christmas ship Jason; see European war.
Church militant, 535, 936.
Cincinnati scholarship, 748.
Citizen soldiery, 487, 536; how to develop, 504, 875; Wilson for, 468.
Citizenship oath and responsibilities, 1256.
Citizenship value to soldiers, 972.
Civil Service exams.: Enl. men, new rule, 1201; old soldiers, 1359, 1616.
Civil War: Appomattox, 50th anniv, 1045; blockade running in, 872; British officer seeking service in, 36; forces of, 535; Forrest's military strategy, 1518; gentlemen of fortune, 555; Hay's war time diary, 427, 712, 780; Lee's despatches to Davis, 1165; Marmaduke-Walker duel, 717; Meigs as bridge builder, 940; no race question in, 168, 169; no rancor in combatants, 1488; outrages in, 180, 1063, 1323; Pickett's charge at Gettysburg, 392; preservation Grant's cabin, Phila, 356, 1556; protesting emancipation proclamation, 1225; recollections of a Confed., 165; reprisals parallel Br. trimt, Ger. subm. crews, 1100; Sergt. Mulligan speaks, 1128; Seward's advice to Lincoln—forcign war, 712, 780; Sherman and his bummers, 1389, 1393, 1520; Sherman and his bummers, 1389, 1393, 1520; Sherman and his bummers, 1389, 1393, 1520; Sherman and newspaper correspondents, 968; statistics, 1261; Sumter, Fort, bombardment, 1031.
Claxton, Prof., see Flag.
Clergyman as soldier, 535, 936, 1357, 1488.

statistics, 1261; Sumter, Fort, bombardment, 164; torpedoes in, 776; unification of U.S., 1031.
Claxton, Prof., see Flag.
Clergyman as soldier, 535, 936, 1357, 1488.
Clubs, see Societies.
Coal for Navy, 304, 468, 493, 1044.
COAST ARTILLERY: 43d Co., 100th anniv., 1195; as Infantry, 1583; mortars tested Ft. Andrews, 1204; practice, Jackson Bks., 1200; retirement list, 200; target practice decision, 1224; transfer to Navy, 1159.
Coast defense, inadequate, 323.
COAST GUARD (see Revenue Cutter), 729, 761, 793, 825, 857, 889, 921, 953, 985, 1017, 1049, 1081, 1113, 1145, 1177, 1209, 1241, 1273, 1341, 1373, 1405, 1437, 1469, 1501, 1533, 1536, 1565, 1597, 1629, 1664; future of, 1109.
Cobb, I. S., on war, 1032.
College details of officers, 1329.
College details of officers, 1329.
College students' camps, 137, 292, 333, 781, 937, 969, 1069, 1159, 1160, 1229, 1305, 1323, 1420, 1521, 1522, 1551.
Colleges and military drill, 420.
Colleges seek non-coms. as instructors, 500, 628.
Collegiste anti-mil. League, 1109, 1323.
Colorado mine troubles, see Labor.
Columbia Univ., honorary degrees, 1261.
Columbus Bks., 35 yrs. ago, 211.
Combat problems, 8th Brigade, 470.
Comptroller's Decis., 733, 109, 213, 276, 297, 324, 364, 427, 437, 568, 589, 790, 808, 817, 938, 944, 977, 1047, 1099, 1225, 1258, 1298, 1332, 1361, 1521, 1588, 1620.
Compulsory service, constitutional, 746.
Compulsory training, argument for, 1323.

CONGRESS.

Admirals and vice admirals, 853, 871, 884, 886; appropriations 2d session, 419; armor plate plant investigation, 435; Army Appropriation, 434, 561, 585, 664, 695, 717, 749, 777, 813, 821, 822, 840, 841, 845, 853, 854, 872, 873; Army increase, 50, 602, 692, 693, 694, 916; Army legislative program, 469, 630, 653, 962, 693; Army Reserve Corps, 538; Army to statutory strength, 629; Articles of War, 778, 917, 1108, 1625; Austin, Mdsn., restoration, 941; aviation appropriations, 533; Awakened Congress, 16, Bills, 18, 50, 82, 115, 147, 179, 214, 243, 327, 474, 493, 506, 538, 561, 570, 602, 634, 662, 695, 726, 758, 791, 822; number of bills introduced, etc., 936; Chamberlain, Sen., increase of Army strength, 3; Chief of Naval Operations, 724 (see Naval Appro.); Civil War Vol. Ret. List, 538; Cline for mil. and naval inefficiency, 711, 743; Coast Guard, 81, 661, 685, 726; Council of Nat. Defense, 420, 629; election's effects, 338; esti-

mates Army and Navy, 456; Executive prerogative and Congress, 885; Fortifications bill, 792; Gardner's statements on Navy, 534; Hay and mil. preparedness, 628, 712, 726; hit at Congr. methods, 716.

Hearings: Army Appropriation, 470, 533; Fortifications, 757, 790; Naval air service, 488; Naval Appropriations, 436, 469, 472, 487, 488, 489, 501, 502, 520, 534.

Marine Corps personnel, 725, 949, 1031, 1077, 1133, 1205, 1261; Military Academy, 758; Mil. training schools in states, 629, 653, 695; Milltia Pay, 434, 616, 653, 694, 712, 744; Nat. defense program. 469, 597; Nat. Militia, 662; National Security Commission, Gardner resolution, 210, 233, 261; see Defense, National.

Naval Appropriation, 598, 628, 629, 630, 631, 660, 661, 685, 695, 711, 725, 727, 749, 752, 758, 777, 788; 522, 824, 846, 852, 853, 854; Naval aviation committee, 727, 854; Naval Reserve, 745, 854 (Naval Appro.); Navy bidg, programs since 1904, 629, 757; Navy mail lines, 4, 791; Navy personnel, 49, 112, 209, 368, 435, 597, 661, 682, 696, 697, 726, 756, 777, 789, 813, 841, 903, 916, 938, 1031, 1077, 1133, 1205, 1593; needs of Army and Navy, 16; Neutrality resolution, 855.

Nominations and confirmations, Army, 13, 45, 77, 109, 141, 173, 205, 237, 269, 297, 465, 493, 497, 529, 593, 621, 653, 657, 689, 721, 785, 849, 872, 877, 881; Nominations and confirmations, Navy and Marine Corps, 495, 584; Ordnance Bureau investigation, 295; "our do-little Congr.," 839; Panama C. forts, 490; Panama Canal constr, recognition, 552, 854; Pensions, Appro., 695; Philipp, independence, 18, 146, 179, 214, 241, 500, 536, 583, 616, 726, 871; Phil. Scouts, retirement, 791; plans for Army legislation 64th Congr., 935, 982, 1013, 1337, 1496, 1515, 1516, 1585; Plucking board and restorations, 41, 112, 209, 777; Plucking Board (Naval Appr.), 854; prohibit sale of arms to Europe, 717; Public Service Corps, 536.

arms to Europe, 17, Tubic 536.
Rivers and Harbors, 146, 662; Secretary of War and committees, 872; Shipping bill, 420; Societies, organized and mil. drill, 1005; Spanish War pensions, 776; Sundry Civil Appro., 758, 822; tangle in Army legislation, 726; Urgent deficiency, 589; Vol. officers' ret. list, 82, 146, 538.

Conscription, origin of, 648.
Conscription vs. Volunteeering, 876.
Contraband of war, 585.
Copper, use in war, 970.
CORPS OF ENGINEERS: Civilian candid exams., 973, 999; waterway improved by, 100; work of (Shelton on), 906.
Correspondence form (war), 844.
Correspondence, fort, post or station, Latters.

Correspondence, fort, post or station, Letters. Council of Nat, Defense, 420, 629. Court of Claims decis., 164, 1099, 1160. Courtesy to foreigners, 853, 876, 910. Crane, Frank, peace vagaries, 725. Cruisers, battle, need of, 682, 692. Culver Mil. Academy boys' camp, 1226. Cushing and Santiago de Cuba, 361.

D

Dacia transfer, parallel in 1864, 808.

Daniels, Sec. Navy: Address to War College, 1389, 1421; administration criticized, 361; against General Staff for, 227; aids, 1173; attitude toward defense societies, 1329; coordination plans, 1404; for submarines and aircraft, 660, 1612; good word for, 620; hint to, 821; Meyer criticizes, 1593; naval friction and, 1044; naval program, 724; new aid, 1037; on American Navy, 905; opinions of, 147; plans, 1337; present condition of Navy (letter to Wms. College president), 1097, 1104, 1127, 1196; Right Hon. Sir Josephus, N.C.B., 977; visits New England yards, 1649.

Dardanelles, fortifications in 1911, 1291.
Dardanelles, fortifications in 1911, 1291.
Dardanelles, How Bainbridge ran, 907; in history, 903, 907; see European war. Davis, Comdr., inventions, 694, 1361.
Decameron, in Honolulu library, 1032.
Declaration of London and war, 229.
DEFENSE, NATIONAL.

DEFENSE, NATIONAL:

Administration's policy, 935, 1013, 1337, 1496, 1515, 1516, 1585, 1624; all machinery in U.S. available for, 1489; American D. League, 488; Army League for, 969; awakened interest in, 469, 1547, 1558.
Baltimore meeting for nat. defense, 1521; Benjamin, Park, on, 1425, 1488; Benson, Admiral, on 1288; board report on coast def., 790; bombastic claims of reliance upon ut 10,000,000 men, 1452; Breckinridge for, 1261; business men for, 502, 551. Campaign for naval education, 1485; Chester on def. and Navy, 1225; Civic Forum, 717; Civilian ideas of our mil. needs, 1099; Chonte on, 359; Cobb and Major Raymond, 1099; Collegiate Anti-militarism League, 1109, 1323; Conditions in 1799 and to-day, 1068; Conference committee of preparedness, 1288; Cornville discusses, 1648; Coudert on, 973; Council of National, 420, 629; country better informed, 1063.
'Deficits,'' 1261; Dick, Senator, on, 1612; Dickinson on, 807; duty of the hour, 1268; fortify coasts with network of railways, 1484.
Gardner lectures on, 909, 973; Gardner replies to Daniels, 1104; Gardner's National

Dickinson on, 807; duty of the hour, 1268; fortify coasts with network of railways, 1484.

Gardner lectures on, 909, 973; Gardner replies to Daniels, 1104; Gardner's National Security Commission Resolution, 210, 233, 261, 336, 355, 393, 434, 437, 487, 503, 679; Garrison on, 584, 1033, 1045, 1192; General Boardman's plan, 1356; Gompers, 455, 1033, 1045; Governors confer on, 1612; Green on, 809.

Hadley on U.S. unprep., 1223; Hanna on, 1015; Hay on, 628, 712; harmonious action urged, 1451; Heistand on, 557; Hibben on preparedness, 596, 1224, 1390; Hornaday, 1034, 1548; illogical attitude of schools, 1099; in 1861 and now, 1255; Invasion of America, 1099, 1160.

Lanier on, 588; legislative prospects, 1433; lessons of note to Germany, 1302; Life on, 1611; Lodge on, 679; Long, John D., on 839; Lowell, on, 904, 969; Lowry on needs of larger A. and N. 597.

McCoy ob, 845; Marbury on, 980; Maxim on, 712; Merchants Assoc, N.Y., for, 502; Meyer on naval needs, see Meyer; Mil. necessities of U.S. (Travis), 1548; Minute men (Parker), 1064, 1288; Misuse of public schools against public defense question, 241; Moore, Admiral, on, 1484.

Nat. Rife Assoc, to confer on, 1612; National safety first (Anderson), 1004; Nat. Security, League, see Societies; Naval policy, U.S., lack, 813; naval preparedness, matter of

life and death, 948; neglect of, 260; new plan of universal service, 1224; New York business men subscribe, 1299; organizations for, 471, 502 (see Societies); our dream, 1551; our equipment for war, 1325; our military necessities (Nat. Sec. League), 14:8; Outlook places blame, 1128. Pacific coast memorial, 1063, 1064; Parker on, 536, 1064, 1268; peace and prepāra. conference, 1325; Pew, fen., on, 852; preparations, for defense, 1515; prepare agst. what, 1611; preparedness urged, 1192; press comment on, 364, 456, 4882, 525, 557, 583, 1580, 1612, 1644; public sentiment, 388; question of national def., 1560; Roosevelt, F. D., on, 749. Stouter on, 668; slaughter of the innocents, 1323; some questions, 812; Spokane and, 520; Stimson on, 776; Stockton on, 265; Taft on Nat. D., 489; Tammany for adequate, 1423; tempting Providence, 680; Tilden's letter of 1885 and Gardner, 326; to provide for, 1454, 1520; two fallacies to be abandoned, 1487. Undefended treasure land, 967; unfortunate comparison, 1068; Union League Club on, 621; War Dept's, military policy, 1624; wealth a danger, 1128; what the people now demand, 519; whom to ask about, 775, 1068; Wise, Col. J. C., on, 776; women's organizations for, 1612, 1649; Wotherspoon on, 3693, 393; see Roosevelt, Wood, Military preparedness, Military unpreparedness.

preparedness, Military unpreparedness.

Dental Corps, Army, exams., 912, 1256.
Dental surgeons, Navy, 1361.
Deserter, shot on N.Y. street, 912.
Desertion a symptom of public disease, 903.
Desertions in Navy, 909, 935, 1077, 1329.
Desertions in Navy, 909, 935, 1077, 1329.
Detached service: Expressing preference for, 564; law, disadvantages, 168; officers' records, 209; origin of "Manchu," 557.
Diesel engine, 756, 1143, 1496, 1549.
Diplomacy, American, failure, 1465.
Diplomacy, American, failure, 1465.
Diplomacy of quarterdeck (Chester), 102.
Disarmament, 67, 137, 323, 369, 388, 589; compel abandonment Monroe Doctrine, 999.
Discharge by purchase, 620; abolition of recommended, 872.
Disciplinary barracks, 949, 1044.
Disciplinary system, Army and Navy, 1133, 1207, 1229, 1388, 1452, 1492.
Discipline and camaraderie, 1290.
Discipline and camaraderie, 1290.
Discipline, changes (G.O. 70), 145.
Dismissed, discharged, dropped: De Lancey, J. B., 1589, 1653; Hume, J. K., 465; Markoe, 977; O'Connor, Marr, 1008; Poindexter, F. L., 12; Robinson, E. W., 472; Smith, J. S. (cadet)), 973; Waring, R. F., 77; Weggenmann, 1200; see Naval Academy.
Diving, deep, in Navy, 596, 877, 981, 1064.
Dogs of war, 931.
Dreadnought, Secretary Daniels would change spelling, 400.
Drill and duty in hot climate, 1616.
Drilling by moving pictures, 265.
Duel, Marmaduke-Walker, 717.
Du Pont, see Ordnance.

Earthquake experience in 1868, 855. Eastern Dept., Codification of orders, 820. Edison: To make U.S. invulnerable, 1268, 1270, 1328, 1359; visits navy yd., N.Y., 196, 265; see Navy Dept., Inventions Bu-reau.

EDITORIALS:

Admiral Mahan. militarist, 435; Advisory board of civilians, 1593; American Army (Gen. Carter), 967; An advocate of inefficiency (Cline)), 711, 743; Anti-enlistment pledge, 1387, 1451; Army-Navy game, 435; Army and Navy Reserve, 564; Army legislation in doubt, 692; Army legislation in doubt, 692; Army legislation proposed, 1496; Army troops to change station, 1269; Asses and savants to the rear, 241; Awakened Congress, 16; Awakened interest in Nat. defense, 469.

Bayonet in modern war, 176; Blocking promotion by seniority, 145; Bureau of Navy Operations proposed, 596; Business men demand an Army, 551; Call to arms, 788, 820, 909, 1173, 1293; Calling home our attachés, 1013; Casualties in Eur. War, 1287; Cavalry reorganization, 291; Century-old controversy (Fed. control of Militia), 661; Changes in naval commands, 1012; Chaplain vs. lawyer on war, 1287; China's lesson to U.S., 1529; Citizen Army, 487; Civilianizing the Navy, 272; Clergy and war, 1223; Close of House naval hearings, 501; Commissioner Claxton brought to book, 1547; Congress and executive prerogative, 885; Congress and executive preroga

military training. 1561; Exaggerated war reports, 37; Exportation of breeding horses, 337.
ailure of Naval Reserve Act, 1369, 1656; Failure of voluntary system. 1561; Federalization of Org. Militia. 1369; Fighting for perpetual peace, 1483; Fight on the sea, 17; Financial facts as to Eur. war, 711; Fon Army reserve, 177; For an increase of Army, 500; Force and Geneva arbitration, 743; Forces that make for war, 99; Foreign tours and Colonial Army, 1355; Future of Coast Guard, 1109; ardner inquiry, 355; General Staff for Navy, 532; General Wood and Bishop Greer, 885; German naval operations, 519; German Socialists and the war, 1547; Hiding truth as to military needs. 533; Hint for Secretary Daniels, 821; Horrors of peace, 112; Horse in present war, 1095; Huerta and Mexico, 1401; Increase Army without taxation, 1433; In view of possible war (w. Mexico), 885; Inducements for Navy specialization, 1560; Interference with our commerce, 564; Invasion invites exaggeration, 140; Investigating Navy Dept., 401; Is this a war agst. militarism, 195, 533; Justices and enlistment, 1159.

Law of neutrality, 679; Lesson of Earl Rob-

erts's death, 419; Lesson of Italian attitude, 1223; Lessons of the Eur. war, 1140; Lesson of officers in present war, 209, see E. War; Losses in battle in present war, 1465; Lost opportunity (U.S. Merch. Marine), 1579.

Manning of Amer. ships, 49; Marine Corps personnel, 725; Matter of life and death, 948, 1015; Meddlesome protests, 1063; Merging services afloat, 81; Militarism again, 1419; Military movements on Texas border, 1625; Misfitting halo, 369; Mistaken Congressman (Hay), 628; Mistaken criticism (Wood and Garrison), 916, 951; Misuse of the public schools, 241; Monitors vindicating themselves, 1592; Monroe Doctrine, 419; More officers for Army, 455; Mule still reigns, 163; Munitions of war, 1529.

National vs. internat, duty, 743; Nationality as a force in war politics, 807; Naval Acad. inquiry, 1387; Naval and Marine Corps legislation, 725; Naval appropriations, 853; Naval deficiencies revealed, 757; Naval Militia and Panama Canal opening, 177; Naval program for next year, 145; Naval warfare old and new, 903; Navy aeronautics, 1337; Navy and its Secretary, 1044; Navy bill, 629; Navy board of civilian experts, 1465; Navy Chief of Operations, 1108; Navy 14-inch gun, 1109; Navy Personnel bill, 756; Navy Vol. retirements declined, 1401; Need of training officers, 323; Neutralizing the sea, 1141; New Army ordnance, 209; New Articles of War, 1625; New groupings of powers discussed, 1237; No present hope of peace (Eur. war), 80; No use for Hague Tribunal, 1095.
Our controversies with belligerents, 789; Our deficiency in submarines, 1237; Our differences with Germany, 1141; Our do-little Congress, 839; Our duty toward Mexico, 884; Our issue with Germany, 1464; Our military deficiencies and needs. 660; Our mistake in dealing w. Japan, 999; Our neutral relations defined, 693; Our note to Germany and its lesson, 1302; Our record in Mexico, 387; Out of the mouth of babes, 1204.

Peace menace to our public schools, 1159; Pecksniffian journalism, 1236; Phelps, creator of mythical devils, 337; Philipipine re-

military deficiencies and needs, 660; Our meutral relations defined, 693; Our note to Germany and its lesson, 1302; Our record in Mexico, 387; Out of the mouth of babes, 1204.

1204.

1204.

1204.

1204.

1205.

1206.

1206.

1207.

1207.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

1208.

Elections, National, 304, 337, 338.
Electric drive for ships, 273, 356, 369, 973, 1047, 1497.
Electricity in warfare, 196.
Emancipation proclamation, protesting, 1225.
Emerson, Capt., lectures in Germany, 685.
Emigration and war, 200.
Engineering competition, Navy, 663, 1531, 1564.
Engineer's influence on war, 746.
Engineer's influence on war, 746.
Enlisted Men: Argument to modesty, 232; badge for disch, soldiers, 1259; bantam soldier advantages, 568; books for, 648; Brownsville appreciation, 616; character, high, 588 club at Panama-Pacific, 1201; court-martial findings criticized, 420; "development." keynote for, 427; education in Army, 424, 908; grouchy, 228; Harrison Gray Otis on, 1420; immoral reading matter deplored, 4; leave breaking, Navy, educational plan, 387; Navy, promotion, graft by N.D. clerks, 1585; prompt pay for, 211; recreations (Clemens), 1258; reporting progress, 1259; retirement, 1487, 1584, 1620; retirement of Sergt. Stevenson, 204; shabby treatment of Sergt. Stevenson (Stevenson), 127; use of drugs, 1101; Valentine, G. L., "bad man," caught, 685; vanity box, 1656; weekly pay days not popular, 420; what of family, 1620.
Enlistment: Army increased, 4, 145; false ideas of justices; seven-year term explained, 8; short term, 99, 200, 232, 296, 524, 875, see

Army Reserve; term, 35; where to look for soldiers, 1616; see Recruiting.

EUROPEAN WAR:

Soldiers, 1616; see Recruiting.

EUROPEAN WAR:

[Note.—The opening chapters of the European war will be found in the issues of Aug. 1 to 29, 1914. See Index to Vol. II.]

dams on this war a stalemate, 615, 648; aeroplanes as eyes, 553; after effects on militarism, 67; after-war adjustments (H. G. Wells), 813; aircraft in, 37, 103, 105; Ambassador Gerard, tribute to, 104; amenities of the battlefield, 264; American ambulance corps, 423, 663, 1052, 1142; [644; American bullets for, 364; American goodwill (London Times), 5; American notes on E.W., 339, 390, 424; American work in, 465, 776, 1032, 1142; American war supplies for, 36, 364, 393, 501, 520, 680, 781, 821, 877, 904\*, 912, 1128, 1192, 1195, 1197, 1289, 1365, 1388, 1397, 1457, 1521, 1524, 1529, 1553, 1580; ammunition problem, 711; Angell, Norman, on Br. position, 81, 425; arms embargo, Mexico and the European war, 1192; army headquarters in gbombs in, 1141; atroctites, 37, 131, 237, 264, 265, 391, 1454; Audacious, British S.S., 356, 372, 778, 872; Austrian big guns, 1500; Austrian and Italian operations, 1226, 1270, 1305; Austrian new motor batteries, 391; Austrian unification, 617; Austria's part in this war, 651; Austro-Italian frontier, 1290; automobiles and armored trucks from U.S., 4, 73, 137, 166, 169, 201; automobiles and armored trucks from U.S., 4, 73, 137, 166, 169, 201; automobiles and armored trucks from U.S., 4, 73, 137, 166, 169, 201; automobiles and armored trucks from U.S., 4, 73, 137, 166, 169, 201; automobiles and armored trucks from U.S., 4, 73, 137, 166, 169, 201; automobiles and armored trucks from U.S., 4, 73, 137, 166, 169, 201; automobiles and armored trucks from U.S., 4, 73, 137, 166, 169, 201; automobiles and armored trucks from U.S., 4, 73, 137, 166, 169, 201; automobiles and armored truck

1429; Brindilla and other U.S. merch, shps, 233. 3ritish armies, strength, 1163; British attitude toward Ger. subm. crews, 904, 1100; Br. blockade note, 1549; Br. declare cotton contraband, 1649; Br. democracy or Br. supremacy, 713; Br. despatches, beautiful style, 201; Br. diffullies in, 1620; Br. field guns, 724; Br. field with the contract of th

100, 109, 197, 204, 205, 229, 263, 294, 329, 586, 685, 374, 970; G. industrial operations in Belgium, 1101; G. isolation, 264; G. methods and Sherman's bummers, 1389, 1393; G. military railroads, 1003; G. miscalculations, 1327; G. naval raid (English coast), meaning, 501, 503, 519, 587; G. naval victory off Chile, 300, 307, 372, 401, 553, 619; G. navy, work of, 268; G. navy waits, 148; G. plans agst. Russia, 1625; G. projectiles deteriorating, 1100; G. protest contraband ruling, 419; G. scheme, invasion of England, 22; G. shell fire, 396; G. Socialists and the war, 1547; G. squadron destroff Falklands, 471, 503, 553, 619, 747, 1521, 1531; G. strategy, 842; G. subm. activity, 714, 746, 823, 941, 1037, 1067, 1101, 1165, 1169, see Lusitania and Notes, diplomatic; G. submarine blockade and British embargo, 788<sup>2</sup>, 871, 918, 937, 1003, G. submarine in Turkish waters, 1338, 1, 20; ... marines, number destroyed, 1555, d. submarine in Turkish waters, 1338, 1, 20; ... marine, non ammunition, 568; G. west

ti-0; or sild o; eld o; eld; er-2; es-2; es-3; es-3; es-3; es-4; e

le-

ge se 7, ch on, 3;; the simple se at 1; the si

la. ch (0; ies la-t.) vs-on an er-in,

la-ng-to an ng 11, ea, rs, or-ors es, 2; ch, in, 25,

hy

work in, 264, 535; Switzerland's expense in neutrality, 36.
Tactics of Neuve Chapelle, 1130; testing of America, 1054, abroad Slav struggle, 4; America, 1054, abroad, 156; treatment of neutral shipping, 937; trenches in their making, 816; true cavalry spirit illustrated, 264; truth about the Germans (west front), 907; Turkey, see Dardanelles, 1000; 101

15th, an Lander, and Sugar, Special Collection, and the control of the collection of

ardizing, 211; training, who's who, 1068; value of entrenching, 552.

Inf. Assoc., 1916 prize essay, 1643.
Infantry Drill Regs.: A. and N. J. edition, 297; Changes No. 9, 175; Changes No. 9, 465; 10, 699; 11, 1429; Interpretations, 313, 345, 478, 701, 957, 1505.
Inspection, Eastern Dept., 240.
Insurance, and death on riot duty, 941.
Internal revenue, liquor statistics, 803.
International arbitration, 1456.
International law, code, disregarded, 1128.
International law, code, disregarded, 1128.
International law, outlines, 501.
International Military Digest, 1288, 1329.
International Military Digest, 1288, 1329.
International Military Digest, 1288, 1329.
International police of the seas, 1486.
Intrenching, value, 552.
Invasion of America (Muller), 1160.
Investments, Morris plan, 584, 936.
Irwin, Wallace: "Army and Navy preparing for what," 748.
"It is believed" in annual reports, 456.
Italy: Foreign and colonial policy, 808; navy contrasted Austro-Hungarian, 1226; see European war.

Janes, Dr. Henry, 1426.

Japan (ese): Admiral Dewa's visit to U.S., 853, 876, 910; American Peace Society of Japan, 525; army increase, 1388; army statistics, 618, 812; China and Japan vs. Occident, 324; colonization schemes, 1388; cruiser Asama ashore, 717, 1175; finances vs. war probability U.S., 909; goodwill (Mrs. Burnett), 1168; in Hawaii, 680; Lower California (Turtle Bay), 1037, 1069; naval bribery case, 84; naval plans, 1515; non-agressive U.S. national policy and J. question, 1579; our mistake in dealing with, 999; Panama naval parade and Japan, 1077; Philippines and, 73, 951; problem, von Tirpitz on, 616; torpedoboat destroyers, new, 525; U.S. interest in J. possession of former German islands in Pacific, 1173. John Brown's Bedy—song, origin, 716. Johns, E. B. Wash. correspondent, 584. Jordan, D. S.: French people, 775; possibility of war on Pacific, 1497; war promoters, 526; see Peace.

Judge Advo. Gen., opinions, 19, 41, 77, 201, 276, 329, 361, 431, 461, 525, 593, 621, 653, 744, 749, 7817, 820, 848, 877, 917, 977, 1015, 10373, 1072, 1105, 1136, 1172, 1201, 1239, 1271, 1298, 1365, 1435, 1461, 1496, 1521, 1531, 617, 1653.

Judge Advocate General, see War Department of offenders, 880, 905, 909, 967, 1159.

Justices and enlistment of offenders, 196, 460, 680, 749, 880, 905, 1127, 1159, 1460, 1521.

Kapok for Navy mattresses, 1596. Key West, soundings by Coast and Geodetic Survey, 1160. Kitchener, salute to, 1319. Krupp: See German guns, European war.

K

abor: Arkansas mines, troops to, 297, 564, 756; attitude toward war, 1451; collective bargaining at Watertown Arsenal, 813; Colorado mine troubles and U.S. troops there, 72, 137, 438, 525, 550, 557, 559, 628, 648, 845; Fed. of L. resolutions agast. militarism, 332; Gompers for efficient armament, 455, 1033, 1099, 1451; Jack London and Army, 1032; Montans strike, 461; stop watch, 1128; see Army Appropriation Act, Congress, and defenses of seacoast fortifications, 1620, anghorne, mil. observer E. War, recalled, 941.

Land defenses of seacoast fortifications, 1620. Langhorne, mil. observer E. War, recalled, 941. Lake Torpedoboat Company, 841. Lake Torpedoboat Company, 841. Launchings: Arizona, 1079, 1306, 1357; Bushnell, 759; Cushing, 650; Jacob Jones, 1240, 1271; L-3 and L-4, 888, 1016; L-8, 1034; Maumee, 1079; Melville, 855; Pennsylvania, 759, 905, 9192; Tucker, 1144. Laundries for U.S. warships, 1404. Legislator, qualifications, 557. Letters of a retired rear admiral to his son, 1388.

LETTERS FROM POST AND STATION:

LETTERS FROM POST AND STATION:

In this volume are letters from the following stations of the Army and Navy, the letters in most cases being weekly reports of the social life of the Services: Adams, R.I.; Barrancas, Fla.; Barry, Cal.; Bayard, N.M.; Caswell, N.C.; China (Tientsin); Bliss, Texas; Boston Harbor, Boston Navy Yard, Mass.; Brownsville, Texas; Casey, Wash.; Caswell, N.C.; Clark, Texas; Crockett, Texas; Crook, Neb.; Dade, Fla.; Douglas, Ariz,; Douglas, Utah; Dupont, Del.; Eagle Pass, Texas; Ethan Allen, Vt.; Flagler, Wash.; Galveston, Texas; Governors Island, N.Y.; Great Lakes, Ill.; Greble, R.I.; Guam, M.I.; Hamilton, N.Y., Hancock, N.J.; H. G. Wright, N.Y.; Honolulu and Schofield Bks., and Shafter, H.T.; Huachuca, Ariz.; Jamestown, R.I.; Jefferson Bks., Mo.; Leavenworth, Kas.; Logan, Colo.; McIntosh, Texas; McKinley, Me.; Madison Bks., Mo.; Leavenworth, Kas.; Logan, Colo.; McIntosh, Texas; McKinley, Me.; Madison Bks., N.Y.; Mare Island, Cal.; Meade, S.D.; Mercedes, Texas, Monroe, Va.; Morgan, Ala.; Mott, N.J.; Myer, Ya.; Naco, Ariz.; Naval Academy; Newport, R.I.; Nogales, Ariz.; Norfok, Va.; Oglethorpe, Ga.; Ontario, N.Y.; Panama Canal Zone (Empire, E. S. Otis, Gaillard, Grant); Phila. Navy Yard; Philippines (Corregidor, Eldredge, McGrath, Manila, Olongapo, Stotsenburg, William McKinley); Platsburg, N.Y.; Porter, N.Y.; Porten, Cal.; Presidio of S.F., Cal.; Puget Sound, Wash.; Kiley, Kas.; Robinson, Neb.; Rosecrans, Cal.; Sam Houston, Texas; San Diego, Cal.; Sheridan, Ill.; Sill, Okla.; Snelling, Minn.; Texas City, Texas; Tobyhanna, Pa.; Totten, N.Y.; Trinidad, Colo.; Washington, D.C., Navy Yard; West Point, N.Y.; William H. Seward, Alaska; Williams, Me.; William H. Sewar

LETTERS TO THE EDITOR:

LETTERS TO THE EDITOR:

Adequate reserve, 13; Administration vs. military training, 1228; Adm. O'Neill answers attack, 295; Amendments to law of neutrals, 844; American ambulance corps (Eur. W.), 663; Anecdotes of Gen. Sheridan, 972; Answer to expert on horse breeding, 522; Anti-submarine, 1392; Apochryphal statement corrected, 358; Appeal for refugees in France, 1648; Apropos of useless formalities, 168; Argumentum ad verecundiam, 232; Army bands, 1488; Army clothing allowance, 1359; Army horse supply, 1589; Army officers' resignations, 1520; Army view of Chr. Science, 844; As they see it (Mex.) in Arizona, 555; Attacks in extended order, 84

Badge for service in Cuba, 1129; Badges for disch. soldiers, 1259; Belonging to the ''National Army,'' 1047; Best route for Lincoln highway, 392; Better training in marksman-

ship, 651; Black Watch at Magersfontein, 567; Bricks without straw (defense), 1099; British treatment Ger. submarine crews, 1100; British war horses, 522.

Call for help (fuel and light), 568; Captain Bravetta's statements denied, 1429; Cavalry saddle experimentation, 843, 908; Cavalry Service regs., 1293, 1327; Cavalry man, what of future, 1488; Chief musician, misnomer, 275; Civil Service exams., 1201; Civil Service preference for veterans, 1616; Civilian grads, ask commissions, 397; Coal and light allowances, 392; Coast Art. as Inf., 1583; Colorado puzzle, 72; Columbus Bks., 35 yrs. ago, 211; Companies at Schofield Bks., 1228; Condition of our Navy, 1196; Conditions in 1799 like present, 1068; Conscription vs. volunteering, 876; Cornville discusses nat. defense, 1648; Correction (Dewa entertainers), 876; Custom and precedent vs. efficiency, 1616.

David Starr Jordan's opinion, 1616; Defense of Civil War soldiers, 180; Defense of Givil War soldiers, 180; Defense of German sea-fighters (Boy-Ed), 940, 1173; Detached service law, 168; Disarmament, 275; Discharge by purchase, 620; Dishonoring our flag, Mexican outrages, 1004.

Early days of West Point baseball, 1227; Education in Army, 424, 908; Efficiency (Army), 168; Emden and Alabama, 372; Encouragement of enlistments in Ohio, 1648; Endorsing our "call to arms," 1293; Equality of promotion, 1584; Essential paper work, 1488; European alliances preventing war, 40; Evidence of Japanese good-will, 1168; Expeditionary force, 652.

Feet or fathoms, 1164; Fighting efficiency with economy, 200, 232; For an Army reserve, 232; For defense of our country, 1520; For universal compulsory training, 1424; Framework for a trained army, 1227; Fruit trees on Army posts, 1488.

Gen. Meigs as bridge builder, 940; Gentlemen of fortune (Civil War), 555; German and British naval strength, 8. Amer., 553; Germany's designs on U.S., 1589; Good

1067; Kind word for heat allowances, 524.
Laxity of military spirit, 8; Left-handed marksmen, 811; Lesson England offers us, 1227.
Made in Germany, 8; Make the Army known, 1196; Marriage for second lieuts, 1228, 1359; Maverick Americans, 1556; Med. Reserve Corps in camp, 1492; Military Dept. Illinois Univ., 1201; Mistaken judge, 460; Mistaken student of economics, 200; More fighting parsons, 1488; Musketry range finder, 748.
Nagging Army methods, 424; Nation unprepared, 13; National defense, 588; National defense of citizen soldiery, 875; National Guard, 555; National safety first, 1004; National Security League, 710; Nationalizing marksmanship, 1228; Naval officer's thanks, 1015; Naval Reserve, 1328; Need of the hour (military), 295; New light allowances, 1047; New reading of an old saw, 1456; No American money for Carranza, 1435; No race question in Civil War, 168; No ranco in Givil War, 168; No ranco in Civil War, 168; No ranco in Civil

shipmen, 1306; Tribute to naval inventors, 1532; Twenty-second Regt. Engrs., 567; Two fallacies to be abandoned, 1487. Inclaimed chapeau box, 149; Unfortunate comparison (mil. preparedness), 1068; Universal military training, 104; Unsinkable ships, 843; Useless paper work, 1392; Value of citizenship, 972; Value of one man, 1456; Value of trained troops in warfare, 780; Verbosity of official literature, 652; Vol. retirements in Navy, 1164, 1328. Vants a larger standing Army, 392; Warlike peace meeting, 620; Welcome testimonial (to A. and N. J.), 306; West Point course—a new idea, 524; What of soldier's family, 1620; Where to look for soldiers, 1616; Who is responsible (Army efficiency), 812; Who's to blame (Eur. war), 40; Who's Who (Inf. training), 1068; Why not equalize civil and Army pay, 1196; Woman's A. and N. League, 951; "Wop," an Army dog, 1616; Word of appreciation (A. and N. J., 716; Word of warning (Panama fortifica.), 168; Young Men's Hebrew Assoc., 887.

Life, N.Y.: Aspersions agst. A. and N. J. and defense enthusiasts, 1612; claims of world goodness, 808; military training, 1095; rulers creating war. 1611.
Light and heat, see Allowances.
Lincoln (Abraham): As a soldier, 811; 50th anniv., death, 1044, 1096; highway, best route, 392.
Liquor: Prophylactic use of alcohol, 556.
Lissa. battle of, 1456.
Lissa. battle of, 1456.
Loans and investments, Morris plan, 584, 936.
Localization of regiments, 337.
London, Jack, and "Military Ideal," 1032, Rel 1255.
Long, John D., on war preparation, 839.

1255. Long, John D., on war preparation, 839. Longevity claims, 39. Lusitania, see European war.

McArthur, Pres. Taft and Phil. Com., 326.
McKelway, St. Clair, editor, 1489.
Machine gun drill regs., 1368.
Machine guns for Cav. and Inf., 1420.
Magna Charta celebration. 1329.
Mahan, Admiral (see Obit.), 744, 776.
"Manchur: Corigin, 557.
Maneuvers: Camp 1915, 1669, 1133, 1162 (see College); Ethan Allen, 1522; Fishkill, 1537, 1568, 1580; joint. 1265; Ludington camp, 1519, 1580; Mt. Gretna, 1537, 1552, 1568, 1659; Plattsburg, 134, 137, 179, 1371, 1485, 1489, 1490, 1521, 1522, 1551, 1553, 1588, 1593, 1618, 1625, 1644, 1652; Presidio of S.F., 1457; Sheridan, Ill., 1647; Tobyhanna, 27, 40, 41, 101, 1005, 1069, 1162, 1393, 1440, 1461, 1470, 1492, 1493, 1536, 1600, 1631, 1645, 1663; value of, tested in war, 680.
Manuals: Army Gen. Hospitals. 233; Bluejackets', 904; Cav. drill, adoption, 195, 564, 781; Cav. Service Regs., Changes No. 1, 977; Coast Art. drill, 744; Equitation, 292; Firing regul. Sm. Arms, Navy, 679; Plag. Navy, 661; Guard Duty, Change No. 1, 913; Machine Gun Drill Regulations, 1368; Medical Corps, U.S.N., 427, 597; Signat Corps, 164; verbosity of, 652; see Inf. Drill Regs., 164; verbosity of, 652; see Inf. Drill Regs., 164; verbosity of, 652; see Inf. Drill Regs., Cavalry, Field Service.

MARINE CORPS:

MARINE CORPS:

MARINE CORPS:

Additional non-coms., 909; advance base. Phila., 692; brig. gen. for, 628; celebrate 4th July in China, 1660; changes of station, 137; distribution, 493, 525, 589, 717, 749; enlistments by states, 1002; increase personnel urged, 1529; Marine band, 909; marksmanship Pac. Div., 505; notes, 180; organization, 1456, 1500; officers' school, 1361; Orders: Series 1914, Nos. 1, 12, p. 53; 13 to 16—149; 17—244; 18—341; 19—569. Series, 1915, Nos. 1 to 5, p. 700; 6—793; 7 to 9—857; 11—889; 12—953; 13—921; 15—985; 16 to 19—1145; 20—1177; 21, 22—1209; 23 to 26—1273; 29—1469; 31, 32—1501; 33—1629; Personnel Board, recommendations. 949, 1261 (see Congr.); return from Mexico, 427, 461; rifle team, 1173, 1457, 1553; sea pay for, 854, 884; second lieuts., vacancies. 337, 909, 1204; sergts., list, 1423; see Hayti. Marksmanship: Nationalizing, 1228; see Rifle. Marringe of second lieuts. opposed, 1072, 1228, 1328.

Martin, 6, C., service at Amherst, 1105.

Marriage of second lieuts. opposed, 1072, 1228, 1328.

Marriages, opportunities, Army and Navy, 856.

Martin, G. C., service at Amherst, 1105.

Mass. Nautical School, 1002.

Mathematics and artillery (Greenhill), 713.

Maxim, Hudson: At Cornell, 1420; in movies, 1232; on ammunition, 1455; on war losses, 1465.

Mechanical traction in war, 396.

Medals of honor, awards, 529; statistics, 944; Vera Cruz, 1324.

MEDICAL:

Bacilli or bullets, 105; berling.

Medals of honor, awards, 529; statistics, 944; Vera Cruz, 1324.

MEDICAL:

Bacilli or bullets, 195; beriberi, prevention, 1065; ballets and disease in E.W., 551; care of wounded in Balkan wars, 587; conference, civilian and mil. surgeons, 1625; death rate, Manila, 132; dental wk. and hospital recoveries, E. war, 943; ear and concussions, 269; gunshot wounds in 1914, 1000, 1005; hospital ships Solace and her work, 1005; Hot Spr. Hospital full. 813; injuries from explosive shells, 397; laparotomy, new methods, 228; malaria, cause, 213; malaria menace, 131; massage and mechano-therapeutics, 1065; mental disease in U.S. troops, 233; methyl alcohol in the air, 191, 845; mosquito pest, instruction in, public school. Canal Zone, 1096; pollution of Great Lakes, 525; prophylaxis of malaria, 904; relation of Army surgeon to civilian surgeon, 459; Riggs disease, treatment, 899; sanity tests, 868; surgery in Eur. war, 264, 535, 874, 1142; tuberculosis in Navy, 968; typhoid and hospital gangrene, 1466; typhoid vaccination, 4, 68, 195, 600, 749, 940, 1128, 1588; typhus bacillus, 1101; water-sterilizing rubber bags, 1005; X-ray in surg, practice, 746.

Medical Corps, U.S.A.: Efficient, 260; exams., 427, 1268; new officers, 817; officers on civilian boards, 461; promotions, 1329.

Med. Res. Corps, U.S.N.: Candidates qualify, 1627.

Med. Res. Corps, U.S.N.: Candidates qualify, 1627.

Memorial Day, N.Y., 712, 1272.

Menace, anti-Catholic paper, 1649.

Menus, Thanksgiving and Christmas, 424, 431, 460, 529; 554, 560, 588, 620, 657, 748.

Merchant Marine: American commerce under U.S. flag, 808; arming, 1064, 1452; available for war, 1489, 1516; foreign-built ships to Amer. registry, 83, 372, 393, 1485; free ships vs. subsidized, 1128; government owned, 393; lost opportunity in Eur. war, 1579, 1648; manning of Amer. ships, 49, 616; Merch. Marine Assoc. referendum, 1421; naval convoy for, 1657; neutrality of

m. vessels, 102; our flag sails from New Orleans, 83; status in war, 1201; yankee and British sailors forsaking sea, 616. exican Boundary Commission and Gen. An-son Mills, 552.

MEXICO:

EXICO:

.B. C. mediation, value, 1031; "Along the Border Patrol," 588; arms embargo and Eurwar (Nagle), 1192; as they see it in Arrizona, 555; attacks upon Amer. troops, 1649; border notes, 1037; border patrol question, 1305; border tour, fixing term, 1255; bullets strike on Amer. side, 717; Carbajal's peace proposition to U.S., 557; Carranza embarrasses Washingon, 17; Congressional discussion, 589; "Down in dear old Naco," 555.

jibbons. Cardinal, on, 1516; Hill. Capt., on

peace proposition to U.S., 557; Carranza discussion, 589; "Down in dear old Naco," 555.

Gibbons, Cardinal, on, 1516; Hill, Capt., on evacuation, 397; Huerta and Orozco in U.S., arrest, 1393, 1401, 1425; Huerta in New York, 1032, 1096; in view of possible war, 885; intervention only solution, 1452; Looking across the Rio Grande, 579; lost opportunity (U.S.), 557; Lower California and U.S., 1160.

Marines to Sonora, 1329; mistaken policy, regard to, 1562; no Amer. money for Carranza, 1435; our attitude contrasted w. European affairs, 871; our duty toward, 884, 903, 1031; our record in, 387; outrages (dishonoring our flag), 1004; Pan-American appeal to, 1626, 1649; playing fast and loose with M., 1303; praise of our forces, 437; preparing for trouble in, 273; President Wilson's warning to, 1268; prisoners turned over to Mex. authorities, 176, 301; Private Parks's remains, 301.

Refugees (U.S.) from Tampico, 1037; results of policy of non-resistance, 596; results of watchful waiting, 144; Scott in conference w. Mex. leaders, 525, 557, 621, 648, 653; situation, 18, 50, 105, 137, 178, 210, 243, 260, 273, 275, 305, 307, 332, 402, 431, 502, 525, 557, 589, 621, 653, 685, 717, 781, 813, 485, 909, 941, 983, 1005, 1069, 1096, 1101, 1133, 1165, 1229, 1361, 1457, 1489, 1521; 1562, 1585, 1595, 1626, 1649; troops ordered to Naco, Ariz, 465; U.S. border troops praised, 968.

Cera Cruz board of claims, 488; Vera Cruz evacuation, 402; Vera Cruz health reports, 68, 233, 297; Vera Cruz notes, 50; Vera Cruz service, honors to sailors (medals of honor, etc.), 587; Vera Cruz, U.S. administration praised, 1521; Villa and Carranza, 983; Villa assumes executive power, 749; Villa's response to Pres. Wilson, 1336.

Karp rospects in M. question, 775; Webster, Daniel, on, 392; will European victors attack M., 647; withdrawal of U.S. troops (Carden on), 73, 81, 361, 370, 371; Yucatan's revolt, 1000.

Meyer, G. v. L., on Navy appros. and needs, 327, 821, 839, 1065, 1160.
Michigan, U.S.S., grounding, 393, 427, 472, 653, 888, 972.
Mileage, shortage of funds, 1109.
Militarism: Agsin, 1419, 1424, 1435; and eugenics, 552; and pacifism, immature, 1095; and preparedness U.S., 679, 1648; Columbia Univ., 1037; defined by a Chicago reader, 1324; no danger of in U.S., 1191; what constitutes, 131, 195, 240, 243, 3692, 533, 583, 679.

MILITARY ACADEMY:

583°, 679.

MILITARY ACADEMY:
Additional, 520, 1295, 1644; alumni dinner, Chicago, 845; alumni dinner, N.Y., 689, 944; apptunts., candidates, 19, 50, 83, 115, 179, 211, 243, 275, 306, 332, 437, 503, 535, 557, 600, 631, 662, 694, 727, 750, 784, 823, 846, 886, 1136, 1168, 1396, 1408, 1434, 1461, 1492, 1522, 1556, 1588, 1620, 1653, assignments of grads., 1401, 1431, 1557; assignments to Engineers, 1401; band, history, 1040; banisters as souvenir canes, 1237; deficiencies June exams., 1492; early days of baseball (Furlong), 1227; exams. for, 850, 1069, 1110; furlough class, addresses, 1267; grads. addresses, 1267; grads. addresses, 1267; irreases output and establish additional (Parker), 520; Massachusetts Training School, camp at, 1160; new fourth class, 1396, 1408; Porto Rican grad., status, 1388; reunion in Honolulu, 1391; reunion class of '90, 1328; reunion 1895 class, 1298; roster, 1st class, 1492; See. Garrison's address to grads., 1325; senior class visits Gettysburg, 1133; successful candidates at large (Presidential), 1110, 1165; vacancies, 1110, 1517; W.P. course—a new idea, 524.

Military efficiency, with economy, 200, 232, 296.

Military efficiency, ville, 17.

m colleges, 420; vs. athletic sports, 584, 617.
Military efficiency, with economy, 200, 232, 296.
Military estabs., value, 17.
Military influence on life of a nation, 14512.
Military information and the patriotic spirit, 744.
Military instruction in Soldiers' Homes, 323.
Military instruction in Soldiers' Homes, 323.
Military preparedness: Dillingham on, 1585; Garrison on, 1588; lesson of (Eur. war), 1468; Massachusetts for, 1585; militarism and, 1643; relative, 1580; value, 1547.
Military service: Democracy, 291; Indian wars, 109; military men and, 1497; new plan for U.S., 1224; requirements (O'Ryan), 1646.
Military spirit, laxity, 8.
Military system, Eur. war not to end, 1368.
Military system, Eur. war not to end, 1368.
Military training: Administration, vs., 1228; citizenry for defense, 523, 596, 936; brigades from mil. trained schools, 1068; City College, N.Y., 941; college heads on, 681, 872, 904; colleges, neglect, 1142; Columbia University, 1037; discipline and camaraderie, 1290; enthusiasm for, 1561; Garrison on, 567; Hibben, Princeton, on, 520, 596, 682, 845; high schools of Wyoming, 1644; in schools, 648, 680, 712, 743, 776, 936, 936; 1468, 1468, 1484, 1548; 1580; Life on, 1095; otter skin habit, 523; our Militia, 523; private instruction, 1643; racial characteristics and, 1205; sound suggestions (Parker), 520; Swiss system for U.S., 872; universal, 104; universal compulsory, 1424; Univ. of Illinois, 840, 1201; Univ. of Indiana, 1000; virtues of, 1643; what objective, 1616; White, A. D., on, 1595; Brown (Prof.), on, 589; Bruce

pulsory, 1424; Univ. of Illinois, 840, 1201; Univ. of Indiana, 1000; virtues of, 1643; what objective, 1616; White, A. D., on, 1197.

Military unpreparedness, U.S.: Allison on, 525; Brown (Prof.), on, 589; Bruce (Judge), on, 685; Colquitt on, 329; conditions in 1799 and now, 1068; Gallatin's responsibility, 1528; inviting war, 304; Joffre on, 643; Long (ex-Sec.) on, 839; milk and water manhood, 36; nation unprepared, 13; Navy League on, 308; Navy weakness, 274; need of hour, 295; now time to prepare, 147; our deficiencies and needs, 660; press comment on, 68, 201, 228, 260, 274, 324, 364, 493, 525, 621, 648, 685, 744, 15472; Rip Van Winkle's awakening, 227; to which class, 652.

Militia Affairs, W.D.: Bulletin, 173, 293, 396,

592, 649, 745, 873, 938, 1072, 1238, 1556; chiefs of staff with Militia divisions, 1159; creation of new Mil. div. districts, 791; details for retired non-coms, 1644; Med. Dept. organization, 749, 1533; see National Guard. In 1207, 1224, 1229, 1257, 1483. In 1207,

Motor cyclist supplanting mounted orderly, 1128.

Motor trucks for Army; see Automobiles.

Movements of troops: Cavalry, 109, 877;
Coast Art., 109, 169, 853, 912; Colorado,
Panama, Honolulu, 435; Arkansas strike
duty, 756; from Mexico, 81, 82, 187, 177,
370; Infantry, 305, 461, 493, 532, 663, 820,
973; Mexican border, 1553, 1593, 1617,
1625, 1652, 1657; miners' strike, Mont., 9,
973; to and from Philipp., 1229, 1238, 1269,
1303, 1355, 1369, 1401, 1434, 1460, 1521,
1624; to Naco, 525; te Panama, 9, 49, 305,
371, 435, 628, 828, 998, 946; to San Francisco Exposi., 724, 756; 30th Inf. arrives
N.Y., via Panama, 693; see Labor.

Moving pictures: Army, 196, 664; Battle Cry
of Peace, 1582; drilling by, 264; guarding
Old Glory, 1485; insulting of sailors, 1064,
1068; Kansas N.G., 41; picture machines
for Army, 1032; objectionable, of Navy,
1192; U.S.S. Maryland, 1532.

Mule vs. auto, 163.

Munitions and casualties in war, 1551.

Murray, Gen. A., status, 1105, 1108.

Musketry range finder, 748.

Nation, The, semi-centennial, 1460.

NATIONAL GUARD:

Apportionments, 1593; Army and the N.G., 565; Bates (Col.), on Militia Pay bill and Constitution, 1096; Cir. 16, records of organizations, 461; Citizen Army, 487, 523; Coast Artillery difficult to maintain, 1521; Coast Art. experts, 51; compulsory service recommended, 872; condition of, 368, 427, 487; Convention, N.G.N.Y., 649; Dick law enforcement, 1401; equipment for, 402; equipment sold by former officers, 1133; exemptions from jury and other duty, 1515; Federal use of (Supreme Court), 649, 661, 694, 1096; federalizing, 1269, 1288, 1369; foreign service (Supreme Court), 357; hostility toward, 555; inspector-instructors, 616; lack of sympathy for, 1288; legal rights of N.G. members, 938; Millitia hqrs, and supply cos., 211; Militia Pay bill, 434, 1096, see Congress; notes, see under N.G. head, each issue; N.G. Assoc, U.S., 41, 72; N.Y. approprs, more liberal, 597; N.Y. N.G. 22d Engineers disbandment, 567, 604, 637, 765; officers to be attached to Reg. Army regts. during drill season, 941; Ohio encourages enlistments, 1648; our Militia, 523; plan of Militia organization (Lydecker), 618; proper attitude of employers toward, 1332, 1356, 1421, 1422, 1460, 1484, 15162, 1585; recruiting depots for, 661; recruiting methods of Y.M.C.A., 680; Reg. Army instruction advantages, 4; report of O'Ryan, N.Y., 694; reserve officers suggested, 1295; riot duty casualty and life insurance, 941; School of Line, N.Y., 231; tables of organization, 137; treatment of, by public, 780; unsatisfactory condition, 1109; volunteers and N.G., 694; rese Labor and Troops.

of organization, 137; treatment of, by public, 780; unsatisfactory condition, 1109; volunteers and N.G., 694; see Labor and Troops.

(ational Guard by States: Arizona, 216; Arkansas, 313; California, 1149; Colorado, 41, 249; Connecticut, 89, 249, 490, 573, 925, 989, 1344, 1409; Dist. of Col., 443, 276, 1473; Florida, 41, 216, 733, 765, 1441, 1552; Georgia, 1117; Idaho, 25, 121, 249, 1053, 1276, 1552, 1665; Illinois, 1472; Indiana, 25; Iowa, 345, 1473, 1504; Kansas, 121; Maine, 925, 1053, 1149, 1212, 177, 1441; Maryland, 185, 637, 894, 989, 1149, 1181; Mass., 121, 216, 281, 377, 448, 573, 604, 701, 861, 894, 1020, 1085, 1277, 1311, 1360, 1441, 1537, 1633; Mich., 153, 249, 313, 541, 861, 894, 1213, 1409; Minn., 281, 573, 1310; Mississippi, 1537; Missouri, 625, 861, 925, 1537, 1584; Montana, 25; New Hampshire, 377, 476, 1213, 1277, 1409, 1665; New Jersey, 637, 668, 893, 925, 989, 1020, 1085, 1117, 1148, 1181, 1245, 1277, 1311, 1345, 1473, 1505, 1665; New Mexico, 1360; New York (each number); North Carolina, 989, 1052, 1117, 1584, 1663; Ohio, 313, 861, 1021, 1245, 1345, 1663; Ohio, 313, 861, 1021, 1245, 1345, 1360, 1473, 1505; Oregon. 281, 1537; Pennsylvania, 25, 185, 216, 249, 281, 345, 376, 409, 447, 509, 541, 573, 637, 669, 796, 1021, 1053, 1085, 1117, 1149, 1181, 1245, 1345, 1360, 1473, 1505; Oregon. 281, 1537; Pennsylvania, 25, 1085, 216, 249, 281, 345, 376, 409, 447, 509, 541, 573, 637, 669, 796, 1021, 1053, 1035, 1179; Wisconsin, 409, 443, 669, 1213, 1345, 1505, 1521, 1665.

1149; Wisconsin, 409, 443, 669, 1213, 1345, 1505, 1521, 1665.

Nationality as a force in politics, 807.

Naturalized citizens, Americanizing, 1467.

Nautical school, N.Y., 872.

Naval: Disguises in war, 888; efficiency, to promote, 1419; gunnery, deficiencies, 1401; honors for Vice Pres, 292; Institute, prizes, 712; items, various, see under head of Various Naval Items, each issue; Observatory notes, 84, 393, 456, 1000; organization, better wanted, 584; policy, U.S., lack, 813; Reserve, 809, 854, 949, 1328, 1369, 1656; supplies, standard catalog, 973; training station, S.F., souvenir, 552; war game, U.S.N., 1104; warfare, old and new (Dardanelles), 903; warfare, role of doctrine in, 1032.

NAVAL ACADEMY: Class standing—1st, 2d, 3d, 1339; criticism of, 1483; dinner talks, 1133; dismissals, 1613; enlisted candidates, successful, 67, 532, 685, 1340; examination and hazing inquiry, 1294, 1296, 1339, 1371, 1387, 1403, 1404, 1425, 1438, 1466, 1483, 1497, 1499, 1531, 1561, 1580, 1613; grads., addresses and ship assignments, 1260; grads., order of merit, 1274; grads. reunion, 1227, 1257; graduation week, 1260, 1274; historic names, 919; increase no. midshipmen urged, 1369; Lucky Bag, 1201; new Fourth Class, 1486; non-grads, for service? 1197; post-grad, class at Columbia, 1225, 1261; practice cruise, 1101, 1438, 1489; Presidential candidates, 1165; seeding mdsn. to see during summer, 596; see Letters from Naval Academy, each issue, NAVAL MILITIA: Acropl. corps, 1197, 1356, 1402; annual cruises, 909; California, 1229; NAVAL MILITIA: Aeropl. corps, 1197, 1356, 1402; annual cruises, 909; California, 1229;

cruises, 909, 1002, 1016, 1111; enlistments, increase, 653, 1657; exams. and commissions, 278; Great Lakes, 973; growth, 1657; Maryland, 1197; Massachusetts, 1536; Natl. Board, 663, 781; N.M. Assoc., ann. meeting, 781; New York, 1085, 1536; Panama Canal opening, 177; reorganizing, 49, 244, 1261; target practice trophies, 1531, 1532; unprecedented growth, 1457; Washington, 1409. precedented grow 1409. Navies, tables, 684.

NAVY:

Navies, tables, 684.

NAVY:

Active reserve list, 1369; adequate, favored by "citizens, 872; admirals and vice admirals, 852, 871, 886; Advisory Council, 1372, 1388, 1454, 1492; Aid for Education. 7; Aid for Material, 1261; are our naval eggs in one basket, 745; asst. paymaster exams, enls. men., 356, 369, 401, 427; battle cruisers, need of, 682, 692, 1656; battleship fleats most homogeneous, 388; bribery at \( \frac{1}{2} \) Navy 74, 824; building program, 145, 434, 437, 461, 724 (see Congress, N. Appr.); bureau changes, 1173; bureau chiefs, single term, 144.

Carpenters, exams., 260; civilianizing, 272; command, changes, 9, 241, 297, 329, 1649; condition, Daniels on, 1097, 1104, 1127, 1196, 1649; construction during 62d and 63d Congr., 872; criticized by Utley, 186; degree of completion, 52, 212, 329, 492, 628, 776, 886, 1047, 1165, 1340, 1453, 1596; demand for a big, 437; flevelopment of our sea power, 133; disciplinary ships, value, 1492; divers' work and pay, 596, 877, 981, 1064; educational plan, enl. men, 387; efficiency Society's symposium on, 681; efficiency, state of, 265, 274, 435, 584, 585, 599, 631; enlisted strength, 323, 368; enlistments by states, 983; ex-Confederate praises U.S.N., 1002.

Fleet commanders, tour, 241; fleet, described (Schroeder), 134°; fleet distribution, P. Canal and, 19; fleet med. library, 1160; fuel, see Coal, Oil; gallantry commended, 951; General Board bidg, plans, 1400; General Board, Commandant of Marine Corps a member, 1261; General Board recommendations, 757; general staff for, 227, 532, 552, 566, 596 (see Chief of N. Operations); graded retirement, 1625; graft in sales of supplies, 968; growth, since 1913, 1625; increase personnel, 1625, 1657; independence of our country depends on, 1295.

Lack of co-ordination, 599, 631; lack of gunnery practice, 265, 584; larger, needed (Nixon), 9, 17; legislative plans, 1585; machinists, successful candidates, 569; mail lines, 4; matter with our, 274; Meyer, on expenditures, 821, 839, 1160; megis presonnel shortage, 662; preparedn

564; resignations from, Daniels attitude, 104. thip school system and battle efficiency, 821; ship stores, new regulations, 1271; ship's company quartered in bks., 1037; shortage of men, 1457; shortcomings, 1127, 1160; size. Congressmen on, 368; songs, see Tipperary; specialization in, 1457, 1560; small arms firing regulations, 1355; subsistence supplies, 813; supply system, improved, 434. or ready condemning of obsolescent vessels, 840; tribute for Mex. duties, 100; trouble with, Bowles opinion, 1489; unpreparedness, 1357, 1457; value of a superior N., 557, 685; voluntary retirement, 1109, 1164, 1328, 1401; wine mess order, 338.

NAVY DEPARTMENT:

AVY DEPARTMENT:
Accounting Board report, 1659; battleship plans, 877; bids for aeroplanes and motors, 842, 1614; bids for battleships and armor, 113, 179; bids for destroyers, 340; bids for submarines, 504, 1269, 1489; Bureau of Constr. and Rep., Chief, 41; Bureau of Naval Operations, 596; carpets and rugs discarded, 1564.
Ontracts—for armor plate, 275; battleships, 228; Cuyama, 1104; electr. propuls. mach., 1097; dirigibles, 1207; floating crane, 1097; submarines, 632, 918, 1433; tobacco, 113; torpedoboat destr., 503.
Ontractors and delays, 493; don'ts for letter writers, 488; inventions bureau, 1465, 1466, 1499, 1516, 1532, 1548, 1556, 1580, 1593, 1617, 1644; investigating, 401; official communications, incorrect, 628; proposals, hydro-aeropl., 727; savings on contracts, 949.

949.

Navy Yards and Stations: Accounting, 1356, 1368; battleship construction and private builders, 81; industrial managers placed in charge of, 105, 132, 144, 208, 209, 468, 534, 617, 648, 909; new drydocks for, 1436; New Orleans, 567; Pearl Harbordocks, 434, 629; Phila., lectures, 1080; Phila, new commandant, 1295; Phila., shipbidg, at, 1372; Puget Sound, 629; special izing in inspection duty, 132; work and wages, 565, 680, 1393.

Nelson, great lesson for to-day, 164.

Neutral, Rights and duties, 1256, 1289, 1324, 1329, 1357, 1389, 1421, 1453, 1485, 1516, 1548, 1581, 1612, 1645.

Neutrality order and "It's a long way to Tipperary," 420.

Neutrality order and "It's a long way to Tipperary," 420.

Neutrality order (Pres.) and Capt. Mitchell, 781.

Neutrality (war) and trade, 201.

New Hampshire, U.S.S., grand opera smoker,

1618; Boughton, D. H., 11, 68; Brauners-reuther, W., 686; Bricker, W. F., 942, 1038, 1394; Briggs, J. B., 814; Brown, P. S., 1198; Brownell, C. De W., 622; Burt, A. S., 622; Butler, J. G., 440; Carroll, M. E., 202; Chaffee, A. R., 292, 293, 330, 362; Chandler, J. G., 1362; Chase, G. McC., 558, 718; Clark, C. H., 654; Clark, W. O., 74; Cleary, P. J. A., 463; Conway, E. J., 1297; Cooke, L. W., 782, 814, 1331; Corbesier, A. J., 974; Creager, N. H., 590; Davis, G. B., 494; Dickins, R., 330; Dougherty, W. E., 1458; Doyle, J. H., 1038; Drennan, M. O., 942; Duggan, W. T., 590, 750; Dunning, S. W., 1070.
Early, J. A., 74, 136; Ellis, P. H., 10; Emery, J. A., 1362; Evans, H. V., 750; Fickbohm, H. F., 1070; Field, W. L., 428; Finley, W. L., 494; Fitch, W. G., 266; Forsyth, J. M., 1554; Forwood, W. H., 1166; Furey, J. V., 494; Furlong, J. W., 1070, 1198, 1227; Gerstner, F. J., 526; Gifford, G. W., 440; Goe, J. B., 74; Goodale, G. A., 782.
Hall, E. F., 1331; Hall, R. H., 558, 590; Halleck, W. F., 622; Hamilton, J., 266; Hamilton, W. R., 107; Hammond, B. C., 1134; Hancock, O. I., 1070; Handbury, T. H., 1072; Harding, A. E., 814; Harding, W. P., 1458; Harrington, C. A., 879; Hawley, William, 74; Headley, I. H. B., 298; Heywood, C., 846; Hogarty, W. P., 266; Holway, W. O., 974, 1038, 1230; Howison, H. L., 588; Hoy, J., 558.
Isherwood, B. F., 1362, 1390; Jackson, Rhees, 107, 138, 171; Jacoby, H. M., 1199; Jones, W. A., 362, 394; Kaiser, J. A., 654; Kellogg, E. R., 170; Knox, G. H., 1586, 1618, 1650; Lawton, D. B., 236, 298; Little, Wm. McC., 910; Logan, G. W., 1070, 1102; Lyman, C. K., 1198; Lusk, O. S., 686.
McCarthy, W. L., 1618; McCormick, A. H., 1650; McGehee, E. C., 1070, 1102; McGinty, J. M. F., 1365, 1394; McGowan, J., 1618; Macfarland, H. G., 1102; Mackenzie, M. R. S., 654; Magee, S. H., 1297; Mahan, A. T., 428, 435, 560; Manley, J. McC., 1394; Punde, W. W., 362; Putnam, A. B., 1297, 1394; Quinby, I., 974; Signor, M. H., 396, 440; Simmons, W. S., 558; Simpson, J. P., 266; Thompson, R. E., 527; Plunkett, M. H., 140; Por

D. R., 942; Willie, 3. v., 1609; Wood, P. G., 1490; Woodruff, C. E., 1331, 1425, 1488.

Officers: Army, signal numbers for, 1302; efficiency reports, 1261; extra, Regular and reserve, 1657; famous Army O., 147; filling of civil office, 1255; for reserve Army, 323; generals, by selection, 104; "military caste' thirsting for war, 744; missing, Weggenmann, 815; more for Army, 455; see Congr.; muzzled, 8212, 845, 948, 973, 1037; plea for frankness in public speech, 1259; reports of whereabouts essential, 1553; resignation and rights, 1393, 1400, 1520, 1521, 1560, 1593, 1643, 1649; U.S., of foreign birth, 243; use of political influence for bidden, 355.

Oil fuel: Crude petroleum problem, 83; Diesel engine for, 756, 1143, 1496, 1549; lessons from European war, 329; supply, U.S.N., 1143; western wells, 1141.

Oneida, yacht, cruise, 908.

Open order assault, origin, 427, 567.

Open towns, question, 553.

Orders, codification, 320.

ORDNANCE:

erdonance:

-inch disapp. guns for submarines. 1451; 12inch guns, Wyoming, worn, 1432; 14-inch
gun (U.S.) described, 1069, 1109, 1657;
16-inch gun, Army, 502, 999; 16 or 14inch gun for Navy, 323, 776, 949, 1109,
1657.

merican production of, and resources, 1192;
anti-aircraft projectiles, 1496; armor in modern warfare, 1644; automatic rifle question,
999; automatic service rifle, Thompson's,
1141; battleships, gun elevation, 1657;
bayonets—knife or bolo, 1337; Bethlehem
Steel Co., testing grounds, 617; bigger big
guns, 204; capacity of U.S. factories, 1612;
comparison field guns various nations, 967;
Crozier and Bethlehem contracts, 821, 906;
deadliness of latest bullet, 231 (see European war, dum-dum bullets); defects in
smokeless powder, 1359; difficulties, obtaining ammunition, 1620; discovery affecting
explosives, 842; double-barreled cannon,
1583.

uPonts and Eur, war, 260; —dividends, 1232;
—in anti-trust suits 1498; —increase and

ods criticized, 1422; munitions supply and casualties in war, 1551.

Navy's smokeless powder, development, 169; new for U.S., 209; officers, defense of by Croxier, 1594; officers resign to take civilian ordnance positions, 1393, 1400, 1520, 1560, 1593, 1643, 1649; our coast defense guns, 1003; our Navy guns (Gardner), 1162; piercing vs. explosive shells, 757; private vs. Govt. ownership for supplying munitions of war, 1076; projectile carrying molten steel (J. H. Hammond), 529; projectile patents and Cleland Davis, 1361; publications, 968; question of larger guns, 936, 949; range of our guns, 822; Riggs collection of armor, 621, 648.

Scientific shop management, 401; sergts, according to rank, 166; sergts, list, 282, 283; shortage, U.S., 1529; small arms of the world (tables), 296; smokeless powder (Hudson Maxim), 332, 437; stream line, 875; submarine mine development, 584; syndicate buys up rifles, 461; tests of 16-inch naval guns, 909; thermit experiments, 1295; time azimuth board for mortars, 329; touled and benzol, 842; torpedo construction at Newport, 877; torpedo factory, Newport, 877, 1133; trotol gelatin, 493; turpinite, 1000; use and effectiveness of field artillery, 1515; value of high explosive projectiles, 619; varieties of modern bullets, 147; Vickers machine gun, new, 297; waste of ammunition, Germany agst., 568; Watervliet Arsenal at capacity, 616; work, 82, 936, 1207; see Eur. war; see Torpedo.

Otis plan to end wars, 1517.

Otis plan to end wars, 1517.

Pacific coast and the war, 1585. Pacific Conference, 1256. Pacific, possibility of war, 1497. Pacifist or pacificist, 749, 1288.

PANAMA CANAL AND ZONE:

PANAMA CANAL AND ZONE:

Atl. Fleet not to go through, 1173; barracks for, 877; battleships on guard, 35; building methods and contract system, 813; cable to, 149; Camp Gaillard, 872; Chester on "taking of" Canal Zone, 102; civilization and health in tropics, 616; Colombia's claims, 1031, 1191, 1256; cost, 195; defenses, 757; "Department of," 840, 949, 1077; distances saved by, 1165; emigration and immigration, 1095; fights between soldiers and civilians, 785, 1005; first trip S.F. to N.Y. completed, 4; flag adopted, 1108; fleet distribution, Canal and, 19; fortifications, 168, 488, 490, 757, 1197; French constr. wk., 1100.

Goethals, acct. of constr., 936; honors for builders, 848, 8772, 878, 909, 910, 937, 1401, 1428, 1659; medal, unauthorized sale, 1064; neutrality and wireless, 504, 525, 552; opening ceremonies and parade, 212, 371, 525, 569, 599, 632, 653, 661, 685, 1077 (see Atlantic Fleet); Oregon school children want a trip through on the Oregon, 621; our rights in war (Bigelow), 68; our soldiers in, praised, 1130; policing and defending, 949, 1005, 1013; quarters for addittoops, 81, 260, 597; receipts and expenses, 1095; rewards for civilians, 1617; rules for belligerents, 361.

Schedules and rates, steamers to and from, 1097; size of fleet and (G. von L. Meyer), 1005; slides, 201, 228, 845, 1585; slides and sea, 845; stations of troops, 488; Suez and Panama, 293; tolls, adjustment of rates, 781; tolls rect, 356, 936; traffic figures, 742, 1165; treaty, Panama boundary, 427; wireless controlled by U.S., 73; wireless news of ships conveyed to European belligerents, 525, 552.

Panama-Costa Rica boundary, 589.
Panama-Pacific Exposition: Fleet not to go, 1173; horse show, 1485; items, 813, 877, 1037, 1201; 1224; Mounted Service School exhibition, 905; Navy exhibit at, 689, 1067; Navy wins prizes at, 1550; provisions for military guests, 1226; Wash. cadets visit, 1392; see Panama Canal.
Pan-American Union and the European war, 469.
Paper work: Essential, 1488; useless, 1392.
Pasport regulations to Europe, 393.
Patriotic praise of Services, 1326.
Patriotism is religion, 660.
Patriotism is religion, 660.
Patriotism, U.S., lack of, 301.
Pay clerks, Navy, 885, 936, 983, 1005, 1489; exams., 1468, 1499, 1563, 1617, 1656.
Pay Corps, Navy: Candidates asst. paymaster, 1550; demoralizing, 980, 1045, 1077, 1340.
Pay, equalize civil and Army, 1196.
Pay, major's, too low, 1620.
Pay, U.S. and foreign services, 340.
PEACE:

PEACE:

Pay, U.S. and foreign services, 340.

PEACE:

American Society Judicial Settlement International Disputes, Cuvillier's reply, 1223; Angel(1)ic dreams, 1127; anti-militarist pusillanimity, 456; Amer. League to Limit Armaments, 781; armaments "insuring" peace, 73; art of maintaining (U.S. Grant), 951; centennial, 534; Church Peace Union and E.W., 500; Church Peace Union prize essay, 1127; Collegiate Anti-militaristic League, 1204, 1521; conditions of a permanent, 600; crusade and control of Press, 1237; disarmament—not yet, 589; Dr. Butler's will-o'the-wisp, 724; faddists effacing mil, memories and records from school histories, 808; fifty years in 3,000 years, 535.

Horrors of, 112, 275; how to secure peace on earth, 274; "impossible," 1616; international arbitration, 1456; international police, 1486; Jane Addams returns from Europe, 1452; Jordan, 137, 164; League of (Clark), 1483; meeting in New York, European war, 68; N.Y. P. Soc. on Wilson message, 629; peace and Arbitra, League approves increase of Army and an adeq, Navy, 749; Peace building vs. P. talking, 1552; Peace Day in pub schools, 1197; peace, or the flag, 1361, 1421; pray not for peace, but the desire for, 164; prayers for, 1647, 1319. Right kind of, 1421; Roosevelt and Atl. Fleet world tour, 776; Soc. of A.W. rebukes Peace League, 1292; theories of Norman Angell, 1127, 1224; warless era not in sight, 597; warlike peace meeting, 620; weakness internat. court. 583; Woman's Peace Party, Honolulu, 904; World Court Congress, 1191; world peace only a dream, 69; World's P. Foundation proposed, 241, 1288; see Hague, Mohonk, War.

smokeless powder, 1339; dimension, 1620; discovery affecting ammunition, 1620; discovery affecting appears and the second docks, 434, 629; Phila, help-bldg, at, 1372; Puget Sound, 629; special in inspection duty, 132; work and wages, 555, 680, 1393.

Nelson, great lesson for b-day, 164.

Neutral, Rights and duties, 1256, 1289, 1324, 1365, 1281, 1312, 1321, 1

Philippine Scouts, retirement, 1358; successful candidates, 817; two eligible lists, plan, 1063.

PHILIPPINES: Colonial army and foreign tour, 1355, see Foreign tour; customs returns, 133; Datu Rajamuda Mandi, dies, 68; disturbances, Manila 566, 877; field artillery post in, 297; fixing tour, see Foreign service; future of the Philipp., 951; health report, 132; McIntyre on, 716; Mohammedan problem, 1391; Moro's desires, 427; Moros, how to understand, 1391; notes, 199, 685; our dealings with Aguinaldo, 1194; outlaw, Carabao, surrenders, 329; Scouts and Constab. uniting, 521; service in, 1323; policy, U.S., 231; service in (non-coms. complaint), 555; tour reduction discussed, 241, 401, 488; see Army Act; trade conditions and Eur. war, 324; trade depression (Eur. war), 877; troops, movements and quarters in, 297; see Congress.

Piracy, defined, 941, 1191.

Poetry: Along of the Border Patrol, 588; Army Reserve, 232; Down in dear old Naco, 555; I didn't raise my boy to be a quitter, 1479; "Jitney" origin, 1091; Looking across the Rio Grande, 579; Now is tiffitime, prepare, 147; Our Cook Book Arm, 1431; Prayer for peace, 1319; Progress et the War, 1004; Referred to Congress, 364; Remedy (Q.M.C.), 1228; Six months' training, 232; To the Tune of Casey Jones, 547; War Lord, Land Lord and Priest, 168.

Polar explorations, rations for, 803.

Polities, Europeanizing our (Chicago), 1005.

Polo: American team, composition, 196; Fryn Mawr, 1299, 1333; Fort Myer, 1072; Honolulu, 169; Philippines, 1653; Polo Association note, 1226; San Fr., 942, 1008, 1100, 1102, 1163; U.S. officers good material, 196, 201.

Porter, Fort, history and regulations, 683.

Portugal, revolution, 1196.

Postal savings and the war, 262.

Post office notices, 759, 771, 899, 931.

Posts, city, favored, 1593.

Potash and the Eur. war, 981.

Potato bread, 1612.

Presidio of S.F. water supply, 1329.

Prisons, and pay to families, 1421.

Prize money, British, abolition, 70.

Promotion: Acet. Panama service, 848, 8772, 878, 909, 910; equality of, 1584; equal

Q

QUARTERMASTER CORPS: Constr. of quarters, 273; enlisted men and choice special service details, 1031, 1228; filling officer vacancies in, 1432; heat and light voucher, 80, 272; Q.M. training school suggested, 1552; rolling kitchen, 145; sergts. list, 541; sergts., successful, 1133; sergts., 1st class, exams., 1008; stationery, bids for, 144, 1005,

R

Radio, see Wireless.
Railroads in military operations, 1227.
Ration, emergency, 1432.
Recruits, training, 1648.
Recruiting: Methods (Parker), 52; Navy, 427, 468, 968; N.G., 661; notes, 1027; see Enlistment.
Red Cross, Amer., decorations declined, 589; see Eur. war.
Register, Army, 941.
Resignation of officers, and rights, 1393, 1400, 1520, 1521, 1560, 1593, 1643, 1649.
Resignations: Abbott, J. E., 1104, 1135; Abbott, J. L., 880; Barney, A., 1500; Bradburn, C. E., 1040; Bull, J. A., 1005, 1037, 1080; Chamberlain, P. M., 880; Clay, H. S. M., 1135; Dague, W. H., ir., 340, 393; Donavin, C. S., 461, 558; Doran, M. G., 941; Ferguson, W. B., 1457; Gray, R. L., 657; Hicks, F. H., 560; Horney, O. C., 1460, 1461; Landry, A. P., 123; Lansing, C. C., 625; Lowman, R. L., 297; Maddux, R. F., 493; Mahaffey, B. O., 461; Otterson, J. E., 1500; Penfield, W. G., 750, 845; Phillips, W. A., 1460, 1461; Power, Carroll, 169; Purnell, B. S., 1104; Radford, G. S., 973; Reynolds, F. F., 1436, 1500; Rockwell, C. C., 941; Speer, G. A., 685; Stewart, C. W., 9, 911; Sylvester, J. M., 340, 393; Terrell, K., 1585; Thomas, J. L., 1016; Whiteside, G. W., 1037; Williams, R. H., 1434; Wilson, R. W., 1522.
Retired Officers: Pay of, too high, 808; restore to active list, 884, 980, 1031, 1109.

1522.
Retired Officers: Pay of, too high, 808: restore to active list, 884, 980, 1031, 1109.
Retirement: Enlisted men, 1259; for age in 1915, 261; for Panama service, 1428; voluntary, see Navy.

RETIREMENTS. OFFICERS:

RETIREMENTS, OFFICERS:
Badger, C. J., 1550; Ball, L. R., 1038; Bamberger, R. S., 1038; Birnie, R., 1006, 1047; Blauvelt, W. F., 1166; Burke, Peter, 202; Buttler, W. C., 106; Clem, J. L., 1582; Cole, J. A., 441; Cornman, D., 441, 718; Cowles, W. C., 1426; Craigie, W. M., 146; Davidson, J. T., 1426; Dickson, T. C., 1618; Dolan, C. D., 1230; Doyle, R. M., 1102; Dykes, J. R., 1166; Edwards, J. R., 1426; Foster, L. F., 1262; Frazer, R., 1586; Fredendall, I. L., 462; Frissell, T. T., 1070. Gove, C. A., 526; Green, E. H., 1070; Grierson, 1005, 1586; Halton, E. P., 330; Hardeman, L., 654; Hatfield, C. A. P., 462; Hawthorne, H. L., 10; Howze, G., 846; Hoyle, E. D., 654; Jenness, B. F., 202; Jones, G. H., 106; Kirby, H., 330, 878; Kunnecke, F. L., 146; Ladd, E. F., 1618, 1650; Lassiter, W., 590; Little, W. L., 558.
McCormick, E. D., 403; McCoy, F. B., 10; McLaughlin, John, 202; Macdonald, G. H., 102; Martin, G. W., 1102; Maus, L. M., 1102; Martin, G. W., 1102; Maus, L. M., 1102; Martin, G. W., 1102; Maus, L. M., 106; Papper, K. L., 298; Phillips, E. W., 1586; Pullen, E. F., 1134; Ridgely, H. C., 750; Roessler, S. W., 880, 1102; Rose, R. W., 1230. Schumm, H. C., 1070; Sharpe, A. C., 42; Sharpe, H. G., 106; Shephard, C. A., 654; Singleton, J. S., 1200; Sterling, F. W., 1554; Stevens, P. C., 1038; Sweet, G. C., 878; Taylor, J. R., 362; Thompson, J. T.,

297, 298; Van Vliet, 718; Weaver, F. H., 685; West, F., 146; Willets, G. S., 814; Wood, R. E., 1426; Woods, E. C., 1586; Wotherspoon, W. W., 304, 862.

REVENUE CUTTER SERVICE: Consol. with L.H. and L.S. Service, 81, 661, 685, 726; notes and orders, 21, 53, 85, 116, 150, 181, 213, 277, 308, 341, 373, 405, 438, 473, 505, 537, 569, 601, 633, 665, 700 (see Coast Gnard).

notes and orders, 21, 53, 85, 116, 150, 181, 213, 277, 308, 341, 373, 405, 438, 473, 505, 537, 569, 601, 633, 665, 700 (see Coast Guard)).

Reviews, useless formalities, 168.
Revolutionary War, documents, 324.
Riding tests, officers, 1337, 1393, 1433.
RIFLE SHOOTING: Aiming in battle, 36; belladonna myth exposed, 325; better training in marksmanship, 651, 660, 760, 778, 780; Bordentown-Princeton, 461; bullets, sound of, 771; Chicago Rifle Club, 781; civilian rifle clubs, nat. match, 1133, 1197, 1516; deficiencies of the battle sight, 906; Du Pont hand trap, 963; for school children, 228, 652; Ft. Riley, Nat. Div. Match, 169, 275; Govt. sale of rifles to clubs, 808; Infantry team tryout, 1556; intercule, 1393, 1516; intercollegiate, 712, 1097; interscholastic, 1224; left-handed marksmen, 811; Marine Corps, 1469; marksmanship, value, Lord Roberts on, 680; Mdsn. vs. Marines, 1133; Mdsn. vs. 71st N.Y., 1207; military school championship, 872, 905; national gallery comp., 461; N.G.N.Y., annual, 120; N.R.A. notes, 330, 632, 1133; national matches at Jacksonville, Fla., 689, 1191, 1229, 12957, 1336, 1355, 1371, 1489, 1550, 1645; N.R.A. and N.B.P.R.P., 1133; Navy teams, 790, 792; Pekin, China, match, 276; Philipp, competition, 1423, 1486; Porto Rico Regt. compet., 1097; promo. rifle practice, 632; purposes of N.R.A., 133; range finder, 748; report, 1914, practice, 1142; school boys, 228, 652; See Girt, 9, 18, 36, 51, 71, 1470; small-bore shooting league matches, 1518; Southern shooting tournament, 40; thoroughness in R. training, 618; Winthrop, 1108.
Roberts, Lord, 361, 373, 419.
Robertson, Rev., on war, 712.
Robertson, Rev., on war, 712.
Robertson, Rev., on preparedness, 1499.
Russian liquor prohibition, 420.
Russian liquor prohibition, 420.
Russian soldier, character, 714.
Russon-Japanese War, battle losses in Manchuria, 391.

8

Saddles, made at Fort Riley, 759.
Safety at sea, 1228.
Samoa, Poyer, new Governor, 648.
San Domingo rev., see Hayti.
San Francisco fire anniversary, 1069.
Schools: Anti-military propaganda, 1099, 1159, 1161, 1204, 1255, 1256, 1288, 1323; see Military training. College, Camps.
Schools, Service: Army Med. School, 1264; Army Service Sch., schedule, 461, 1358; Army Staff College, 1368; Army War College, class, 1133, 1329; Bandmasters, 492, 1232; candidates, 821; Const Artillery, 1101; law course for A. officers at colleges, 941; Marine Corps Advanced Base Sch., 1005; more military acads., 1295, 1644; Mounted Service, 68, 336, 877, 886, 905, 1001, 1262, 1288, 1332, 1358, 1387, 1388; Musketry, 685, 781, 981; Naval Medical, 52, 116, 973, 1048; Naval Pay Officers', 105, 144, 504, 820, 1262; Naval Flying School, Pensacola, 1002, 1108, 1133, 1404; Naval War College, 525; N.Y. State War College, 525; N.Y. State War College, 525; N.Y. State Nautical, 180; San Diego Aviation School, 968, 980; School for Aviators, 1585; School of Equitation, 1388; School of Fire, 336; School of Musketry, 177.
Scott, H. L., items about, 19, 648, 717, 820, 852, 951; see Mexico.
Sea power doctrine, antiquity, 328; see Mahan.
Scaman, Dr. L. L., and neutrality order, 9. Searchlight mirror (Rey), Navy, 1097.
Second lieutenants: Civilians ask commissions, 397; Corps of Eng., civilian candidates, 973; eligibility of Porto Rican grad. of Mil. Acad., 1388; marriage, 1072, 1228, 1328, 1359, 1420; no vacancies for enl. men or civilians, 241, 387, 1229.
Sees. A. and N., War College course, for, 1387, Secretary of State: Bryan resigns, 1302; Garrison suggested for, 1303; Lansing appointed, 1361.
Seward's advice as to foreign war, 712.
Sherman, Gen., Autograph letters, 657; bummers, 1389, 1393; on government without force, 1556; personal peculiarities, 9; southern opinion, 1392.
Ship brake, bilge keel, 1585, Shooting folly as it flies (defense), 1099.

SIGNAL CORPS: Aviation division, 297; mas-ter Sig. Electrs, list, 638; Master Sig. Electrs, exams, 1548; sergts, 1st cl., list, 638.

Single rank, see Cavalry.
Small arm fire-control, 1237.
Smith, Wm. F., Gen., sketch, 100.
Socialists as abusers of Army, 1232.
Socialists propose terms of peace, E.W., 1224.

Socialists as abusers of Army, 1232.
Socialists propose terms of peace, E.W., 1224.
Society, 749; American Defense Society, 1553; American League to Limit Armaments, 525; American League to Limit Armaments, 525; American League to Limit Armaments, 525; American League approves mil. camps, 1644; Amer. Red. Cross, 1421, 1617; Amer. Soc. of Aeron. Engrs., 1492; Amer. Soc. of Naval Engrs., 589, 653, 823; Army and Navy Club, Manila, 39, 1522; Army and Navy Club, Manila, 39, 1522; Army and Navy Club, Wash., 1128; Army and Navy Club, Manila, 39, 1522; Army and Navy Club, Manila, 39, 1522; Army and Navy Club, Wash., 1128; Army League, (officers), 877, 1553; Army League, Philadelphia, luncheon, 969; Army League, Philadelphia, luncheon, 969; Army Matual Aid, 1888; Army of the Philippines, 392; Army of Santiago de Cuba, 138; Army Relief, Artillery Branch, 622; A.R. functions, 584; —garden party, Gov. Isld., 1136, 1164, 1194, 1239; —Hawaii, 650; —Los Angeles, 817; —officers, 716, 1071; —San Francisco ball, 1004; —144t Cav. Sec., 940, 1038; —23d Inf. Branch, 1038; Assoc. of Mil. Surgeons, 201; Assoc. Mil. Surgs., Ill., 620; Aztec Soc., 171, 204.
Sollegiate Anti-Militarism League, 1256; Dames of Loyal Legion, 1167; Efficiency Soc. of N.Y., 681; Filipino Society (N.Y.), 39, 73, 105; Forts Clark and McIntosh, 912; Friendly Union of Sailors Wives, 716, 1393; M.O.L.LU.S., 50th anniversary, 1008.
Alt. Association for Carabao, 265, 361, 393; M.O.L.LU.S., 50th anniversary, 1008.
Alt. Association for Constitutional Government, 1464; Mil. Order Carabao, 265, 361, 393; M.O.L.LU.S., 50th anniversary, 1008.
Alt. Association for Constitutional Government, 1464; Nat. Civic Federation for Nat. Defense, 455; National Defense League, 164, 1238; Nat. Health Guard, 363; Nat. Naval Militia Assoc., 749; Nat. S

1651; Woman's Army and Navy League, 910, 951; see Y.M.C.A.

Solace, hosp. ship, 1005.

Soldier boy a man among men, 714.

Soldiers' Home, Washington, D.C., 260.

Solid rank or open order formation, 427, 567.

Songs by an Army woman, 880.

Sonth America, population, 1324.

Spain orders submarines in U.S., 756.

Spanish language in the schools, 1032.

Spanish War pensions, 776.

Spy at Washington, 1649.

Star-Spangled Banner: Celebration, 9, 41, 83; make it singable, 105.

State navies unconstitutional, 488.

Statistics, national wealth to mil, expense, 1421.

Submarine mines, development, 584.

SUBMARINES: Air purifying invention, 1306, 1361; coast defense, 876; Confed. subm. warfare, 1046; defense against, 391, 1205, 1392; destroyer vs. subm., 1454; disappearing guns, 1451; duty and extra pay, 981, 1064; Edison batteries for, 1165; effectiveness, 397; Europe, war, 132, 263, 232, 397, 525, 529, 651, 807, 823, 871; "fish gills' for, 213; for bombarding towns, 1612; future, 824, 1323, 1529; German, 165, 263; Grant, Capt., and, 1340, 1356, 1596; hearings on, 489, 597; Japanese method of escape in accidents, 427; Lake Co. extends plant, 1089; Lake, latest, 179, 1499; Lake, on future of, 729, 746, 968, 1356, 1499; maneuvers and water densities, 260; new storage batteries for, 297, 1034; new type for U.S., 308, 323, 918, 1269, 1303, 1432, 1433; position indicator, 1372; put on defensive, 1164; rôle of, 807; school-ship for, 1356; search of merchant vessel, 1356; Sterling and our deficiency in, 489, 597, 1237, 1240, 1261, 1323, 1361; submersible battleships, 1227; torpede range, 493; U.S., old and new names, 1574; "valor" of submarine warfare, 388; vs. cruisers and

battleships, 16, 113, 651, 1432; whalers' bomb guns agst., 1574; work of, 8712; see Casualties, Navy Dept., Euro. war. Summary courts, Navy, instructions, 373. Sumner and British withdrawal from Western hemisphere, 420.

Supreme Court and Militia, 649.
Surprises of modern war, 713.
Swiss army as model, 1032, 1269; see Defense.
Swiss military system, 276, 679, 1383.

military system, 276, 679, 1383.

Tactical rides, value, 196.
Tactics, French vs. German, 132.
Taft: On exportation munitions of war, 821; on Nat. defense, 489.
Target Practice: Fleet, deficiencies, 1425, 1614; fleet torpedo defense practice, 1002; Hawaii, 1582; Honolulu, 1361; Knox trophy, 371; machine gun, 792; Pacific Fleet, 1st destr. divis., 1404; team work necessary, 1457; 2d Inf., 1361; 30th Inf., 1391; see Atlantic Fleet.
Taxpayer and Navy correspond, 875.
Taylor, Chief Constr., work praised, 973.
Tennessee, U.S.S., see Turkey.
Tent, shelter, new designs, 903.
Test ride, discontinue, 1337, 1393.
Tests: Battleships against submarines, 1497; shell fire agst. unarmored structures, 1585.
Texas City: Houses for married non-coms., 73.
Texas, U.S.S., silver service, 340.
Thomas, Gen. G. H., anecdotes of, 681.
Tilden, S. J., on nat. defenses, 326.
"Tipperary" song barred from Navy, 420, 461, 488, 561.
Torpedo: Aeroplane and auto. torpedo (Fiske), 1492, 1646; Bliss-Leavitt secrets, U.S., safe, 1292, 1295, 1393; Civil War and to-day, 776; construction at Newport, 877, 1133; Davis type sunk Lusitania? 1208; experiments, U.S.S. Montana, 1532; flying fish, 295, 1492; Hammond wireless controlled, 364, 403, 1485; Naval T. sta., product, 1400; practice, accident, 84; practice, Gardiners Bay, 265; protection aginst, 1649; range of, 243; stock, in Navy, 427; tests, Schuyler, 1229; U.S., Daniels on, 393; used in three naval wars, 1624; see Atlantic Fleet and Target practice.
Torpedobad destroyers: Bids for new, 340; design of new, 19, 1550.
Transit, improvised, 556.
Treaties, Arbitration: Signed, U.S., 68, 201; Argentine, Brazil, Chile, 1224; futility of, 1329, 1388.
Treaty making power under Constitution, 1288.
Treaty making power under Constitution, 1287.
Trench warfare, 816.
Turkey: Broussa, 931; cancellation of capitulations,

Uniform: Amusement resorts and men in U., 8, 393, 904; at military colleges, 781; cloth, undyed, for, 1355, 1433, 1518; hat contracts, 1261; hat manufacture and Union, 1197; helmet, Philipp., replaced by hat, 132; new specifications, U.S.A., 1232; olived drab shirt and white collar, 1033; Regulations, 164; vice admiral, 1295; waterproofing methods, 68.
Union Metallic Cartridge Co. plant threatened, 716.
United States: As others see us, 487; Assimilation of races, 16; attitude in Mexican and European affairs, 871; European war aftermath, 647; how our wealth tempts aggression, 1161; pharasaical attitude toward European nations at war, 369, 743, 1236; plan for invading, 790, 1663; population, 680, 1560; statistics of growth, 356; value of exports, 1128; warlike nation, 743.

Vacancies: Filling in Staff Corps by proportion, 1643; general officers, 259.
Value of one man, 1457.
Veterinary Corps, boost for, 1361.
Vice admirals, see Naval Appro, 854; see Adm. and V.A,
Virginia Military Institute, 1003.
Voluntary mil. system, not voluntary, 1484.
Volunteer Army: Applications for commissions, 1205; call to arms, 738, 820, 823, 1173; failure of vol. system, 1561; how to officer, 1457; million volunteers, plan for, 788, 829, 823, 1173; reserves, 680; successful non-codns, for commissions, 1522; untrained, ineffective, 680°.
Volunteer Naval Reserve, 1340.
Von Edelsheim, fictitious general, 358.

Belgium for 100 billions of dollars, 1548.

Belgium for 100 billions of dollars, 1548.

WAR:

Actual losses last half century, 401; arbitration, and, 743; armament not cause of, 304, 324, 717; "armament ring" and war, 717, 1045, 1611; assists progress (Goethals, 1224; atrocity of, 37, 1255, (see E.W.); benefits, 35; benefits of just war, 589; better than cowardice (Robertson)), 712; benefits, 35; benefits of just war, 589; better than cowardice (Robertson), 712; british losses in battle, 37; casualties in, 1657; catching as measles, 487; civilians during, 39; clergy and W., 1127, 1223; commercial competition likened to, 1452; contraband, 265, 585, 692; correspondence form, 844; correspondents of olden times, 397; cost of Boer war, 1436; cost of killing a man, 20.

Demands upon individual, 1324; diary of John Evelyn, 39; drunkenness in (Jane Addams), 1452; dryrot of selfshness worse than W., 1295; economic fallacies of, 935; emigration and, 200; Engineering and W., 39; eugenics and war, 717; forces that make for W., 99; game. Army, notes for, 1648; game, naval, U.S., 1104; has its place, 100; humanities, in, 4; international agreements, futile, 1337; 'intoxication' of, 771; invasion invites exaggeration, 113; Irwin on, 1197; is hell (Shakespeare), 1064. aw of neutrality, 679; list of wars past 60 yrs., 648; losses and globe inhabitants, 519; losses, historical, 37; maxims of Chinese, 1479; men of emience in, 808; merchant vessels, status in, 853; ''military class' not cause of, 455; new weapons, 999; non-combatants, 1359; not sought by soldier, 1632; Phelps, Prof., on, 337; Philadelphia ''Friends' and W., 616; plebiscite for, 1359; popular, 260; preparedness, sermon on, 1292; preparedness, U.S., 68; prevention of, 399; private rights, none in, 263; prophecy of Dr. Ward (to end in 80 years), 1388; prophets, true and false, 165, 259. keal makers of, 1336, 1611; reprisals in, 1255; rights of neutrals, 844, 852, 853; rulers and war, 1611; Rules of Land Warfare, 133, 137, 145; Ruskin's Essay on, 1453; sanitary benefits, 163; seen near at hand, 599; selling bel

value of trained troops in, \*80; what allowable in, 565; see Peace, Mexico, European, Civil, Military Preparedness, Defense, etc.

Warrant carpenter exams., 177.

Warrant grade for non-coms., 616.

Warships: Armored cruisers type not needed, 1358; breaking up color uniformity, 1625; cruiser, value, 1355, 1612; design, British, 468; electric drive for, 273, 973, 1047, 1404; historic, U.S., 969; Italian experiments. 4; maintained by states, unconstitutional, 488; monitors and underwater attack, 358; no scrapping of battleships, 620; of future, 1128; unsinkable, 843, 1615; value of big gun ships, 619.

Washington, Geo.: On armament, 873; on value of Regulars, 744.

Widows, Army, apartment houses for, 557.

Wilson, President; and Bryan, 1392 (see Bryan); annual message, 456, 468; George Washington and Pres. Wilson, messages contrasted, 491; on "Call to arms," 1173; on military training, 468, 523, 629.

Wireless: Arlington to Panama, 1128; Arlington to Paris, 589; automobile, 287; daylight messages, difficulties, 1356; determination differences of longitude, 1097; Galveston to Pac., along Mexican border, 1013; Hammond w. controlled torpedoboat, 403; Hudson Bay and straits, 4; Marconi at Honolulu, 201, 233; Marconi station closed, 114, 179; mastless outfit, 909; naval orders. Washington, D.C., to Pacific, 717; naval system (Navy bill), 788, 877, 905, 1268; notes, 1005; outfits of Signal Corps, 292; Panama, U.S., control, 9, 169, 788; portable radio telegr. apparatus, 1295; Sayville, L.I., plant (German) enlarged, 1080; Sayville plant, U.S. control, 1404, 1425; telephone at sea, Marconi, 1449; Tuckerton station operated by U.S.N., 73, 105, 180, 265, 297.

Wood, Major Gen. L.: Bishop Greer and American Legion, 855, 877, 885, 886; censured for Roosevelt speech, 1652; Culver Boys' camp, 1226; Harvard Club address, 1390; lectures on preparedness, 1516, 1585; mil. duties of civilians, 1390; Mohonk Conference, 1257; Princeton address, 1037.

Walker, J. Brisben, and slanderous "Friends of Peace," 1579, 1624.
Wanamaker's proposition that U.S. ransom Yachting, America cup races, 20. Yellowstone Park guards, 329. Young Men's Christian Assoc., Brooklyn, 635, 1358; Norfolk, 1358; prize essay contest, 460, 1142.

35, est,